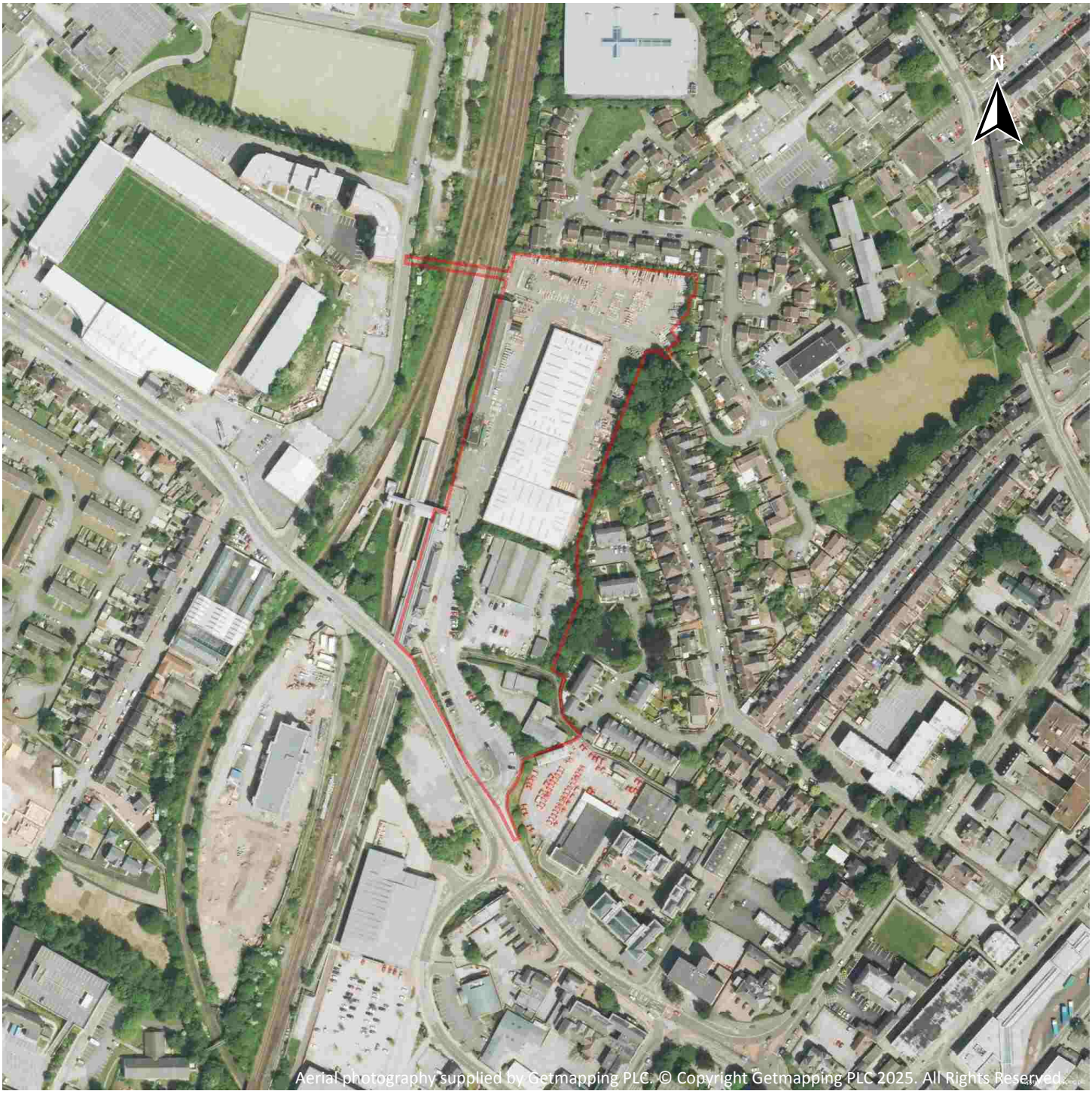
Recent site history - 2013 aerial photograph



Capture Date: 09/06/2013

Site Area: 2.85ha

Recent site history - 2003 aerial photograph

Capture Date: 04/08/2003

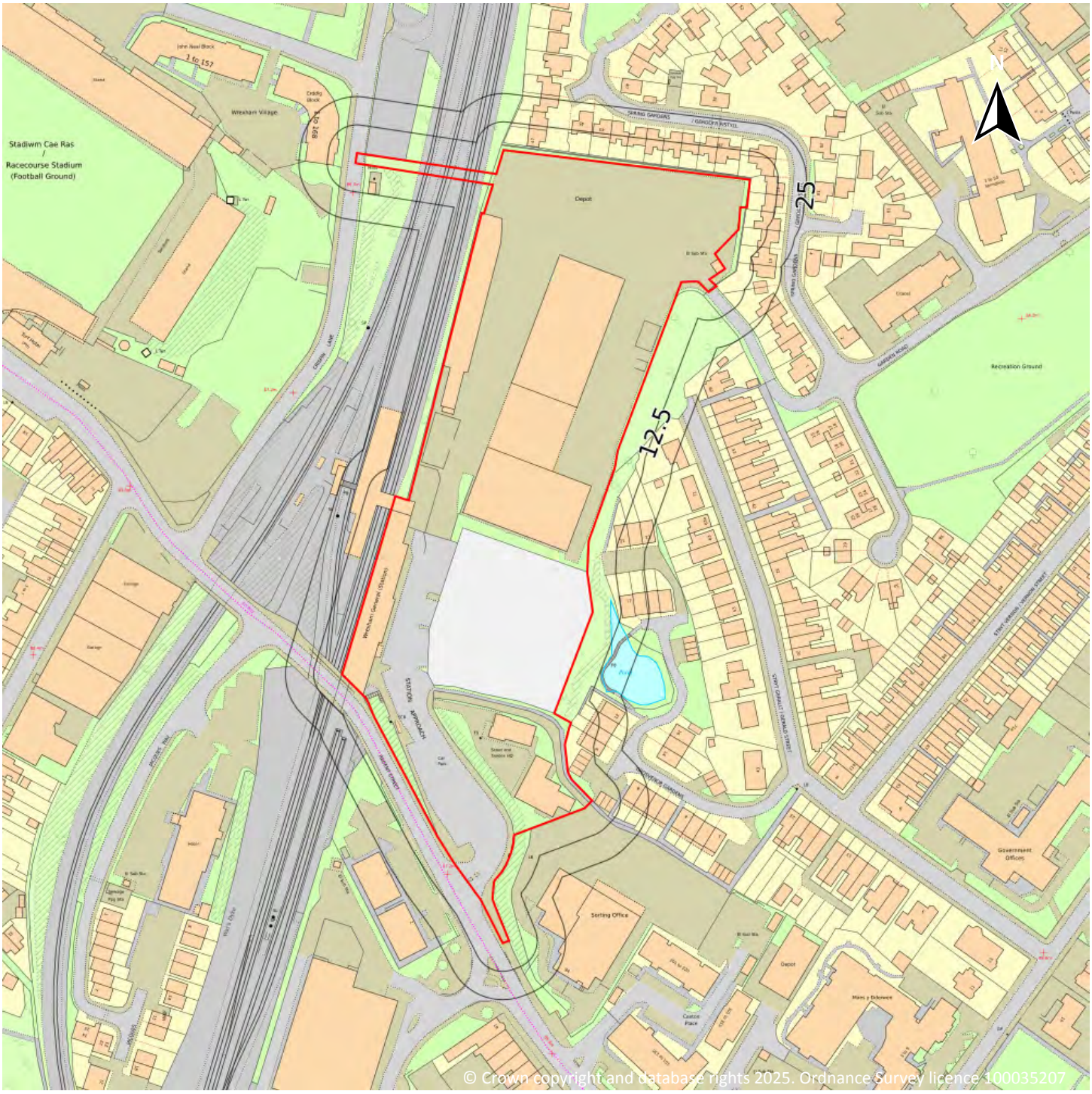
Site Area: 2.85ha

Recent site history - 2000 aerial photograph

Capture Date: 04/09/2000

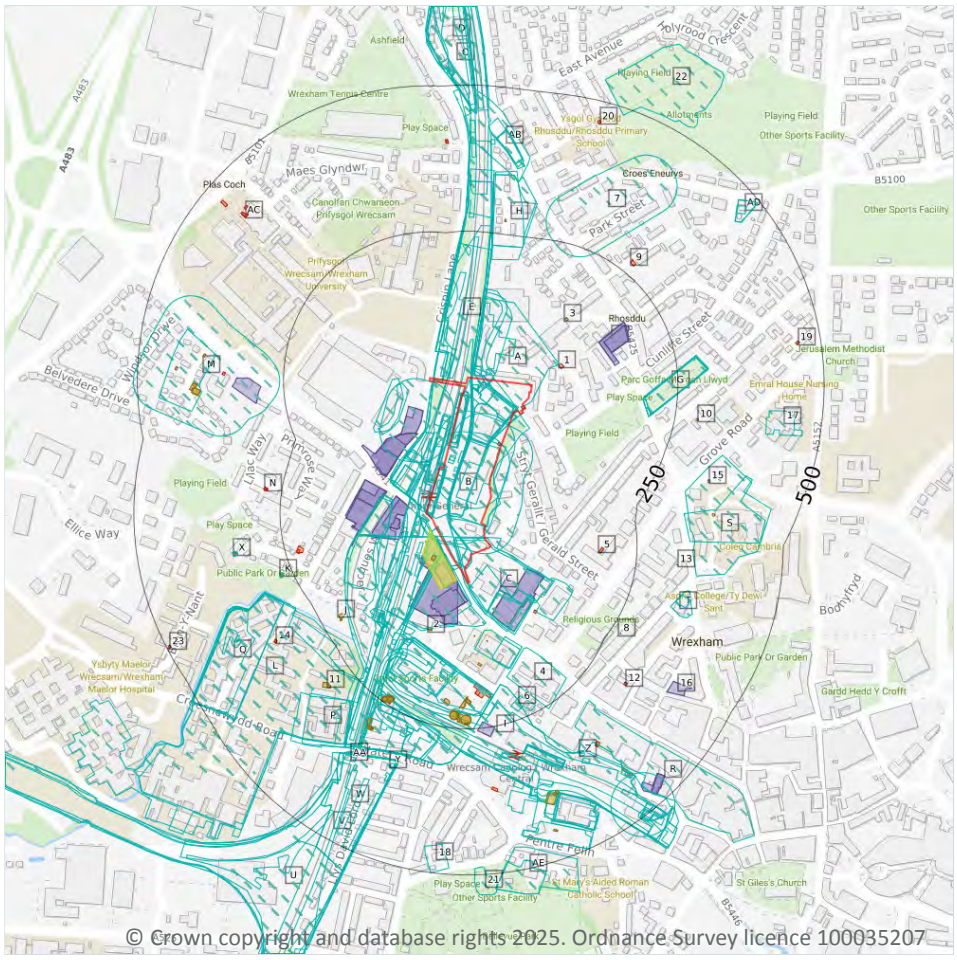
Site Area: 2.85ha

OS MasterMap site plan



Site Area: 2.85ha

1 Past land use



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Site Outline

Search buffers in metres (m)

- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical petrol stations
- Historical garages

1.1 Historical industrial land uses

Records within 500m	231

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Unspecified Depot**	**1992**	**821373**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Works	1964	835794
B	On site	Steam Saw Mill	1898	852901
B	On site	Railway Building	1898	855016
B	On site	Unspecified Factory	1992	857179
B	On site	Timber Yard	1872	858205
B	On site	Railway Sidings	1974	866404
B	On site	Iron Works	1938 - 1949	866499
B	On site	Railway Building	1985 - 1992	866636
B	On site	Railway Building	1938 - 1949	876938
B	On site	Railway Sidings	1938	879507
B	On site	Railway Station	1964	886522
B	On site	Railway Station	1938 - 1949	887796
B	On site	Iron Works	1938	888930
B	On site	Iron Works	1898	890843
B	On site	Sawmill	1909	902457
B	On site	Railway Sidings	1909	904491
B	On site	Goods Shed	1872 - 1898	912301
B	On site	Railway Building	1992	912903
B	On site	Railway Sidings	1985 - 1989	913738
B	On site	Railway Building	1974 - 1985	918344
B	On site	Railway Sidings	1992	928809
B	On site	Sawmill	1872	931177
B	On site	Railway Station	1974 - 1992	933097
B	On site	Railway Sidings	1872 - 1898	936326
B	On site	Sawmill	1949	947931
B	On site	Unspecified Commercial/Industrial	1974 - 1980	955912
B	On site	Railway Station	1872	966353
B	On site	Railway Building	1938	967746

ID	Location	Land use	Dates present	Group ID
B	**On site**	**Railway Station**	**1898**	**970831**
B	**On site**	**Railway Sidings**	**1980**	**972800**
B	**On site**	**Railway Station**	**1938**	**983406**
B	**On site**	**Unspecified Works**	**1964**	**983572**
B	**On site**	**Unspecified Commercial/Industrial**	**1974 - 1980**	**992665**
B	**On site**	**Railway Building**	**1964**	**999706**
B	**On site**	**Iron Works**	**1909**	**999797**
B	**On site**	**Railway Station**	**1909**	**999825**
B	**On site**	**Unspecified Works**	**1974 - 1980**	**1005062**
C	**On site**	**Nursery**	**1898**	**922775**
C	**On site**	**Nursery**	**1938 - 1949**	**971007**
C	**On site**	**Railway Sidings**	**1964**	**991545**
C	**On site**	**Nursery**	**1910**	**992635**
D	**On site**	**Railway Sidings**	**1938 - 1949**	**955442**
B	1m N	Railway Building	1992	855017
B	1m S	Drill Shed	1898	839532
E	5m N	Railway Sidings	1909	962287
C	6m SE	Nursery	1938	896177
E	6m N	Railway Sidings	1909	947046
C	6m SW	Railway Sidings	1898	982897
C	6m SW	Railway Sidings	1938 - 1949	987427
A	7m N	Unspecified Commercial/Industrial	1974 - 1980	918163
C	8m SW	Nursery	1898 - 1910	946859
A	8m N	Unspecified Ground Workings	1909	815949
C	9m SW	Railway Building	1938	855019
C	9m SW	Nursery	1872	876034
C	9m SW	Railway Sidings	1872	958655
C	9m SW	Railway Station	1938	818735

ID	Location	Land use	Dates present	Group ID
C	12m SW	Railway Sidings	1992	901115
C	12m SW	Railway Building	1938	862091
B	17m W	Railway Station	1949	985432
C	20m SW	Railway Building	1938	854492
C	21m SW	Railway Sidings	1910	893888
B	31m W	Railway Station	1872	931883
C	32m SW	Railway Building	1938	855018
C	33m SW	Railway Building	1872	854493
B	34m W	Cuttings	1974	900804
B	34m W	Cuttings	1964	913202
B	34m W	Cuttings	1980	950041
B	40m SW	Unspecified Ground Workings	1974 - 1980	977049
B	43m W	Railway Station	1909	987551
C	45m SW	Railway Building	1974 - 1985	882456
B	45m NW	Railway Station	1974 - 1980	978186
B	49m NW	Railway Station	1938	909917
B	50m W	Unspecified Heap	1964	843929
C	52m SE	Unspecified Works	1964	835793
C	52m SE	Unspecified Commercial/Industrial	1974 - 1980	925132
C	59m W	Cuttings	1938	925832
C	60m W	Cuttings	1938	968518
C	60m W	Cuttings	1949 - 1964	947502
C	65m SW	Railway Sidings	1910	892027
C	72m SW	Unspecified Pit	1938 - 1949	961856
C	75m SW	Unspecified Ground Workings	1898	812951
C	87m S	Infirmary	1910	873852
E	102m N	Unspecified Heap	1872	843033
C	112m SE	Infirmary	1872 - 1898	970937

ID	Location	Land use	Dates present	Group ID
C	130m SW	Brewery	1992	859810
C	130m SW	Railway Building	1872	854001
C	130m SW	Beer Works	1898	906713
C	130m SW	Beer Works	1938 - 1949	947615
C	131m SW	Brewery	1964	943962
C	134m SW	Brewery	1974 - 1989	1005537
C	134m SW	Beer Works	1910 - 1938	918375
4	147m SE	Barracks	1872	858709
C	147m SW	Railway Building	1872	966952
C	149m SW	Railway Building	1974 - 1985	884604
C	150m SW	Railway Building	1938 - 1949	978671
C	150m SW	Railway Building	1898	985156
C	150m SW	Railway Sidings	1910	1010028
C	152m SW	Railway Buildings	1938	810590
C	153m SW	Railway Building	1910	990179
C	154m S	Unspecified Pit	1964	828863
C	157m SW	Railway Building	1938	854005
C	167m SW	Railway Building	1898	965151
C	168m SW	Railway Building	1938 - 1949	942987
C	171m SW	Railway Building	1910	869093
G	192m E	Cemetery	1872	812029
G	192m E	Disused Cemetery	1898	899911
G	192m E	Disused Cemetery	1938 - 1949	950377
G	194m E	Disused Cemetery	1938	942226
G	194m E	Disused Cemetery	1909	921138
C	201m SW	Railway Building	1964	854002
H	205m N	Unspecified Depot	1992	971380
I	207m S	Railway Sidings	1910	908555

ID	Location	Land use	Dates present	Group ID
D	209m N	Unspecified Heap	1872	843837
6	213m SE	Fire Station	1974 - 1992	973612
C	216m S	Unspecified Tanks	1992	819260
C	223m SW	Railway Building	1938	854006
C	225m SW	Unspecified Mill	1938 - 1949	1003072
C	226m SW	Corn Mill	1872	811793
H	229m N	Unspecified Depot	1974	903484
H	229m N	Unspecified Depot	1980	1005505
L	231m SW	Hospital	1964	985946
7	231m N	Rope Walk	1872	846558
C	232m SW	Unspecified Tanks	1992	819261
C	235m SW	Unspecified Works	1964	951416
C	237m SW	Unspecified Tank	1938	949275
C	238m SW	Unspecified Works	1985 - 1989	896841
C	239m SW	Unspecified Works	1974 - 1980	978737
C	240m SW	Unspecified Tank	1974 - 1989	998639
L	244m SW	Hospital	1974 - 1980	1008864
C	244m SW	Railway Sidings	1910	935380
L	247m SW	General Hospital	1985 - 1992	1004624
C	249m SW	Unspecified Commercial/Industrial	1910	822243
C	249m SW	Railway Building	1938	854007
C	249m SW	Unspecified Mill	1898	902118
M	257m W	Omnibus Depot	1949	856964
C	262m S	Unspecified Mill	1938	946457
C	263m S	Unspecified Mill	1910	1006515
K	265m SW	Unspecified Tank	1938 - 1949	920913
K	267m SW	Unspecified Tank	1938	886664
K	268m SW	Unspecified Tank	1910	880538

ID	Location	Land use	Dates present	Group ID
C	272m S	Railway Building	1910	854491
O	274m N	Railway Sidings	1909	901713
P	282m SW	Unspecified Workhouse	1872 - 1898	961123
P	285m SW	Union Workhouse	1910	833150
Q	287m SW	General Hospital	1949	913329
Q	287m SW	Fever Hospital	1938	967109
R	288m SE	Unspecified Commercial/Industrial	1989	822244
Q	291m SW	Fever Hospital	1938	1000605
I	295m S	Railway Building	1898	924379
I	295m S	Railway Building	1938 - 1949	1006230
I	295m S	Railway Building	1964	999728
I	296m S	Railway Buildings	1974 - 1980	937120
I	296m S	Railway Building	1910	938496
I	297m S	Railway Building	1938	899188
I	298m S	Railway Building	1938	853991
S	308m SE	Hospital	1964 - 1989	998531
I	313m S	Unspecified Pit	1964	828862
O	314m N	Railway Sidings	1872	953542
T	324m E	Bus Station	1989 - 1992	963601
I	325m S	Railway Sidings	1974 - 1980	902719
S	325m SE	Hospital	1938 - 1949	908212
U	326m S	Railway Sidings	1938 - 1949	905031
U	327m S	Railway Sidings	1964 - 1989	891777
V	327m S	Railway Sidings	1992	892059
W	327m S	Goods Yard	1974 - 1985	899808
W	327m S	Goods Yard	1992	922805
W	327m S	Goods Yard	1989	929500
U	328m S	Railway Sidings	1938	1001264

ID	Location	Land use	Dates present	Group ID
X	329m W	Unspecified Tank	1938 - 1949	935099
T	330m E	Bus Station	1985	939976
X	331m W	Unspecified Tank	1910 - 1938	886470
Y	334m S	Railway Building	1938	854004
O	344m N	Railway Sidings	1964	953367
Q	347m SW	Fever Hospital	1898 - 1910	895246
I	347m S	Unspecified Depot	1985	821124
Z	349m SE	Railway Building	1938	853994
Y	353m SW	Railway Building	1938	854003
AA	356m SW	Junction Station	1938	841158
I	358m S	Railway Building	1910 - 1938	1005896
Z	358m SE	Railway Building	1938	853993
I	363m S	Unspecified Depot	1989 - 1992	889165
AB	364m N	Cuttings	1872	955776
AA	366m SW	Railway Building	1938	854000
AB	367m N	Cuttings	1938 - 1949	865410
I	368m S	Railway Sidings	1910	867580
M	368m W	Bus Depot	1974 - 1992	924353
U	370m SW	Railway Sidings	1872 - 1898	945089
AB	372m N	Cuttings	1938	977002
AB	373m N	Cuttings	1909	944366
V	373m SW	Railway Sidings	1910	951367
AB	376m N	Carriage Shed	1872	837540
Q	382m SW	Filter Bed	1910	824682
Q	383m SW	Unspecified Ground Workings	1910	814997
I	388m S	Brewery	1910	904824
I	392m SE	Brewery	1938 - 1949	912873
I	392m SE	Brewery	1938	977628

ID	Location	Land use	Dates present	Group ID
I	392m S	Unspecified Works	1974 - 1980	992798
I	394m SE	Unspecified Depot	1974 - 1980	870211
I	396m S	Brewery	1872 - 1898	948212
AB	401m N	Railway Building	1872	855015
AB	402m N	Railway Building	1964	854892
17	405m E	Hospital	1992	852956
R	414m SE	Railway Building	1964	904141
R	421m SE	Railway Building	1938	929815
I	426m S	Unspecified Works	1964	911389
R	428m SE	Railway Station	1985 - 1992	997543
AD	446m NE	Police Station	1989 - 1992	1002804
AD	447m NE	Police Station	1985	972844
18	450m S	Malthouse	1872	838273
O	452m N	Locomotive Works	1898	912086
O	452m N	Railway Sidings	1898	943396
U	453m SW	Railway Sidings	1910	944176
AD	456m NE	Police Station	1974 - 1980	929178
O	457m N	Unspecified Commercial/Industrial	1938	822526
O	457m N	Locomotive Works	1949	886336
O	457m N	Railway Sidings	1938	977613
AE	459m S	Unspecified Depots	1989 - 1992	976722
O	461m N	Railway Sidings	1909	975025
O	466m N	Locomotive Works	1909	860051
O	468m N	Unspecified Factory	1974 - 1992	933851
AE	482m S	Unspecified Depot	1974 - 1985	913931
R	484m SE	Railway Station	1910	961198
R	484m SE	Railway Station	1938	959287
21	487m S	Refuse Heap	1938	908271

ID	Location	Land use	Dates present	Group ID
22	488m N	Brick Field	1872	806854
R	489m SE	Railway Station	1964	936611
R	492m SE	Railway Station	1974 - 1980	923853
R	494m SE	Railway Station	1938 - 1949	909489
R	494m SE	Railway Station	1898	949691
O	497m N	Railway Buildings	1964	810753

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**55**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
C	23m SW	Oil Tanks	1912	126191
C	91m S	Pump and Tank	1873	114604
2	100m SW	Tanks	1989 - 1992	146604
C	105m S	Pump and Tank	1873	114603
3	125m NE	Tanks	1973 - 1990	145040
C	138m S	Unspecified Tank	1990	118479
C	195m S	Tanks	1996 - 1999	133387
C	199m S	Tanks	1990	138938
C	202m S	Tanks	1963 - 1996	151753
J	210m SW	Unspecified Tank	1970 - 1978	149698
J	216m SW	Unspecified Tank	1978	147552
J	217m SW	Unspecified Tank	1970	132052

ID	Location	Land use	Dates present	Group ID
C	220m S	Unspecified Tank	1996	147076
C	221m S	Unspecified Tank	1989	151838
C	222m S	Tanks	1996 - 1999	136063
C	223m S	Tanks	1990	126875
C	227m S	Tanks	1990	127559
C	233m SW	Tanks	1996	127348
C	234m SW	Unspecified Tank	1957 - 1970	134631
C	234m SW	Tanks	1989	126288
C	235m SW	Tanks	1989	146729
C	239m S	Unspecified Tank	1960	127939
C	239m S	Unspecified Tank	1958	129523
C	240m S	Unspecified Tank	1912	132872
C	240m S	Unspecified Tank	1937	128332
C	240m SW	Tanks	1970 - 1989	150029
C	240m SW	Tanks	1989	150155
C	244m SW	Tanks	1989	147891
C	244m SW	Tanks	1989	127949
8	267m SE	Pump and Tank	1873	114600
K	267m SW	Unspecified Tank	1912	118113
H	272m N	Unspecified Tank	1973	130261
H	272m N	Unspecified Tank	1990	134760
C	284m SW	Tanks	1996	126404
10	286m E	Unspecified Tank	1912	118473
11	293m SW	Tanks	1989 - 1996	131104
C	296m SW	Tanks	1970	136865
C	296m SW	Tanks	1989	126337
C	297m SW	Tanks	1989	148268
C	297m SW	Tanks	1989	148775

ID	Location	Land use	Dates present	Group ID
13	320m E	Pump and Tank	1873	114599
X	332m W	Unspecified Tank	1912	118112
15	336m E	Unspecified Tank	1912 - 1937	149936
S	367m SE	Unspecified Tank	1912	118474
I	385m S	Unspecified Tank	1937	144546
M	385m W	Unspecified Tank	1957 - 1960	153447
I	386m S	Unspecified Tank	1958 - 1968	144463
I	388m S	Unspecified Tank	1912	133205
M	392m W	Tanks	1970	134725
M	392m W	Tanks	1989	145782
M	398m W	Tanks	1970 - 1988	131934
M	398m W	Tanks	1989 - 1992	152483
R	425m SE	Unspecified Tank	1912	118118
M	432m W	Unspecified Tank	1957 - 1960	149228
I	447m S	Unspecified Tank	1975 - 1988	147110

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**30**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
B	**On site**	**Electricity Substation**	**1968 - 1990**	**76465**
B	**On site**	**Electricity Substation**	**1988 - 1990**	**89428**
C	37m SW	Electricity Substation	1989 - 1992	69358

ID	Location	Land use	Dates present	Group ID
1	57m NE	Electricity Substation	1973 - 1990	73323
C	121m SE	Electricity Substation	1968 - 1990	80437
C	172m S	Electricity Substation	1968 - 1975	69232
C	184m S	Electricity Substation	1988	78400
5	185m E	Electricity Substation	1988 - 1990	91657
K	218m W	Electricity Substation	1970 - 1989	82715
K	225m W	Electricity Substation	1992	87989
9	268m NE	Electricity Substation	1973 - 1990	93041
N	274m W	Electricity Substation	1978 - 1988	76528
N	275m W	Electricity Substation	1992	77283
N	276m W	Electricity Substation	1989	77581
12	316m SE	Electricity Substation	1968 - 1999	77695
14	331m SW	Electricity Substation	1989 - 1992	88289
Z	350m SE	Electricity Substation	1975 - 1999	74955
M	350m W	Electricity Substation	1968 - 1994	74620
I	352m S	Electricity Substation	1999	65985
AB	402m N	Electricity Substation	1988	85055
AB	402m N	Electricity Substation	1992 - 1994	90817
AB	402m N	Electricity Substation	1968 - 1975	90701
R	412m SE	Electricity Substation	1968 - 1996	69314
AC	418m NW	Electricity Substation	1994	84218
AC	418m NW	Electricity Substation	1968 - 1988	90993
AC	428m NW	Electricity Substation	1992	65083
AC	456m NW	Electricity Substation	1994	90296
19	457m E	Electricity Substation	1974 - 1990	81228
20	461m N	Electricity Substation	1973 - 1990	71698
23	492m SW	Electricity Substation	1989 - 1992	81794

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	1

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
C	11m SW	Filling Station	1988	1552

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	35

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
C	9m SW	Garage	1957 - 1958	30105
C	10m SW	Garage	1978 - 1982	28301
C	10m SW	Garage	1970 - 1978	23695
C	15m SW	Garage	1982 - 1988	27186
C	15m SW	Garage	1968	22845
C	18m SW	Garage	1960	29721
C	23m SW	Garage	1960	25815
C	31m W	Garage	1989 - 1992	29084
C	33m W	Garage	1978 - 1988	30932
C	34m W	Garage	1970	26839

ID	Location	Land use	Dates present	Group ID
C	34m W	Garage	1957	30413
C	47m W	Garage	1960	27558
C	52m E	Garage	1988	28777
B	52m S	Garage	1982	30608
B	52m S	Garage	1970 - 1978	27091
B	58m W	Garage	1957	24000
B	58m W	Garage	1960	27705
C	62m SE	Garage	1968	24265
B	68m NW	Garage	1992	29773
B	74m W	Garage	1989	24592
C	75m W	Garage	1978 - 1988	29280
C	75m W	Garage	1989 - 1992	27360
C	75m W	Garage	1970	24736
C	78m W	Garage	1992	26609
C	87m W	Garage	1989	30565
F	136m NE	Garage	1990	25571
F	136m NE	Garage	1973	30498
F	143m NE	Garage	1958	24775
F	144m NE	Garage	1960	29363
C	239m S	Garage	1999	22243
M	289m W	Garage	1970 - 1988	25170
16	386m SE	Garage	1958 - 1960	25163
R	453m SE	Garage	1990 - 1999	22913
R	459m SE	Garage	1988	27305
R	460m SE	Garage	1968 - 1975	27471

This data is sourced from Ordnance Survey / Groundsure.

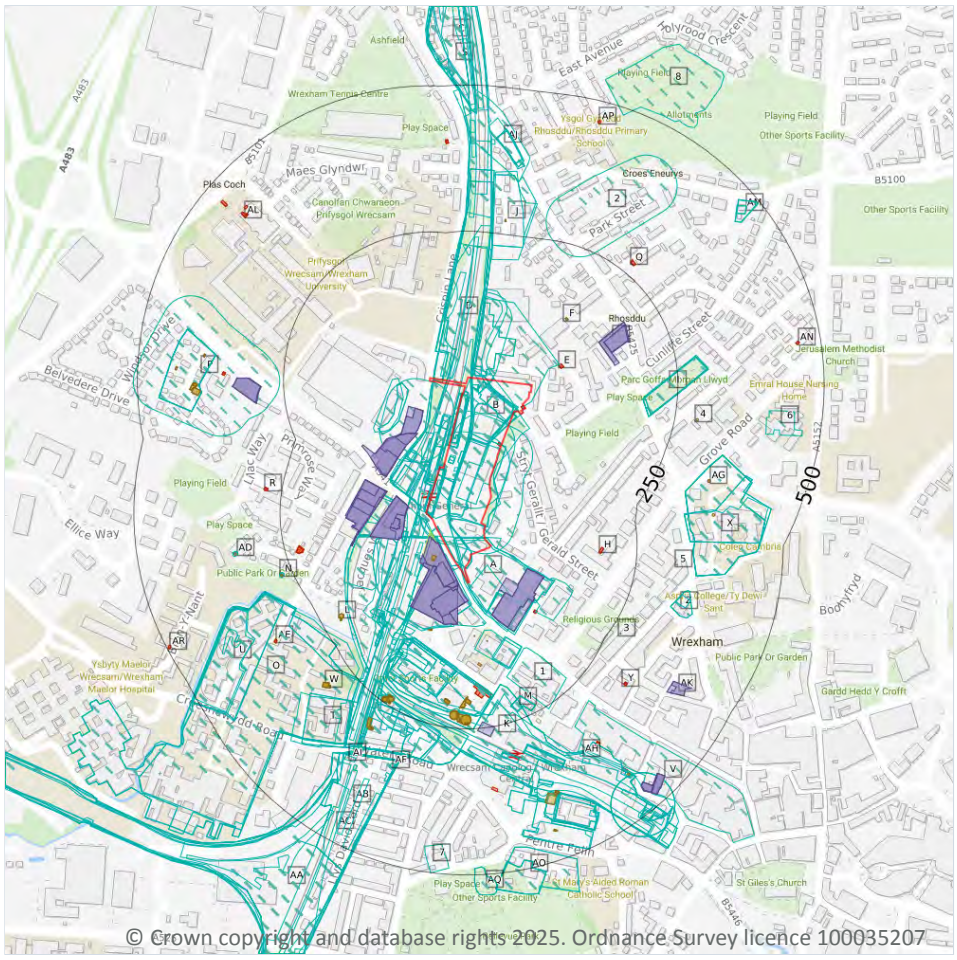
1.6 Historical military land

Records within 500m	0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m	334

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 31 >**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Nursery**	**1938**	**971007**
A	**On site**	**Nursery**	**1949**	**971007**
A	**On site**	**Nursery**	**1898**	**922775**

ID	Location	Land Use	Date	Group ID
A	On site	Nursery	1910	992635
A	On site	Railway Sidings	1964	991545
B	On site	Iron Works	1938	866499
B	On site	Railway Station	1938	887796
B	On site	Railway Building	1938	876938
B	On site	Railway Station	1949	887796
B	On site	Iron Works	1949	866499
B	On site	Railway Building	1949	876938
B	On site	Railway Station	1898	970831
B	On site	Iron Works	1898	890843
B	On site	Goods Shed	1898	912301
B	On site	Railway Building	1898	855016
B	On site	Railway Station	1872	966353
B	On site	Goods Shed	1872	912301
B	On site	Railway Sidings	1872	936326
B	On site	Timber Yard	1872	858205
B	On site	Sawmill	1949	947931
B	On site	Steam Saw Mill	1898	852901
B	On site	Sawmill	1872	931177
B	On site	Railway Sidings	1909	904491
B	On site	Railway Station	1909	999825
B	On site	Iron Works	1909	999797
B	On site	Sawmill	1909	902457
B	On site	Railway Sidings	1989	913738
B	On site	Railway Building	1989	866636
B	On site	Railway Station	1989	933097
B	On site	Unspecified Factory	1992	857179
B	On site	Railway Building	1992	866636

ID	Location	Land Use	Date	Group ID
B	On site	Railway Station	1992	933097
B	On site	Railway Building	1992	912903
B	On site	Railway Sidings	1992	928809
B	On site	Unspecified Commercial/Industrial	1980	992665
B	On site	Railway Station	1980	933097
B	On site	Unspecified Commercial/Industrial	1980	955912
B	On site	Unspecified Works	1980	1005062
B	On site	Railway Building	1980	918344
B	On site	Railway Sidings	1980	972800
B	On site	Railway Station	1974	933097
B	On site	Unspecified Works	1974	1005062
B	On site	Unspecified Commercial/Industrial	1974	955912
B	On site	Railway Sidings	1974	866404
B	On site	Railway Building	1974	918344
B	On site	Unspecified Commercial/Industrial	1974	992665
B	On site	Railway Sidings	1985	913738
B	On site	Railway Station	1985	933097
B	On site	Railway Building	1985	866636
B	On site	Railway Building	1985	918344
B	On site	Unspecified Works	1964	983572
B	On site	Railway Station	1964	886522
B	On site	Railway Building	1964	999706
B	On site	Railway Station	1938	983406
B	On site	Iron Works	1938	888930
B	On site	Railway Building	1938	967746
C	On site	Railway Sidings	1938	955442
C	On site	Railway Sidings	1949	955442
D	On site	Railway Sidings	1898	936326

ID	Location	Land Use	Date	Group ID
D	**On site**	**Unspecified Depot**	**1992**	**821373**
D	**On site**	**Unspecified Works**	**1964**	**835794**
D	**On site**	**Railway Sidings**	**1938**	**879507**
D	1m N	Railway Building	1992	855017
B	1m S	Drill Shed	1898	839532
D	5m N	Railway Sidings	1909	962287
A	6m SE	Nursery	1938	896177
D	6m N	Railway Sidings	1909	947046
A	6m SW	Railway Sidings	1938	987427
A	6m SW	Railway Sidings	1949	987427
A	6m SW	Railway Sidings	1898	982897
D	7m N	Unspecified Commercial/Industrial	1980	918163
D	7m N	Unspecified Commercial/Industrial	1974	918163
A	8m SW	Nursery	1898	946859
D	8m N	Unspecified Ground Workings	1909	815949
A	8m SW	Railway Sidings	1938	987427
A	9m SW	Railway Building	1938	855019
A	9m SW	Nursery	1872	876034
A	9m SW	Railway Sidings	1872	958655
A	9m SW	Railway Station	1938	818735
A	12m SW	Nursery	1910	946859
A	12m SW	Railway Sidings	1992	901115
A	12m SW	Railway Building	1938	862091
A	13m SW	Railway Building	1938	862091
B	17m W	Railway Station	1949	985432
A	20m SW	Railway Building	1938	854492
A	21m SW	Railway Sidings	1910	893888
B	31m W	Railway Station	1872	931883

ID	Location	Land Use	Date	Group ID
A	32m SW	Railway Building	1938	855018
A	33m SW	Railway Building	1872	854493
B	34m W	Cuttings	1974	900804
B	34m W	Cuttings	1980	950041
B	34m W	Cuttings	1964	913202
B	40m SW	Unspecified Ground Workings	1980	977049
B	40m SW	Unspecified Ground Workings	1974	977049
B	43m W	Railway Station	1909	987551
A	45m SW	Railway Building	1980	882456
A	45m SW	Railway Building	1974	882456
A	45m SW	Railway Building	1985	882456
B	45m NW	Railway Station	1980	978186
B	45m NW	Railway Station	1974	978186
B	49m NW	Railway Station	1938	909917
B	50m W	Unspecified Heap	1964	843929
A	52m SE	Unspecified Commercial/Industrial	1980	925132
A	52m SE	Unspecified Commercial/Industrial	1974	925132
A	52m SE	Unspecified Works	1964	835793
A	59m W	Cuttings	1938	925832
A	60m W	Cuttings	1938	968518
A	60m W	Cuttings	1949	947502
A	65m SW	Railway Sidings	1910	892027
A	72m SW	Unspecified Pit	1938	961856
A	72m SW	Unspecified Pit	1949	961856
A	72m W	Cuttings	1964	947502
A	75m SW	Unspecified Ground Workings	1898	812951
A	87m S	Infirmary	1910	873852
D	102m N	Unspecified Heap	1872	843033

ID	Location	Land Use	Date	Group ID
A	112m SE	Infirmary	1872	970937
A	114m SE	Infirmary	1898	970937
A	130m SW	Brewery	1992	859810
A	130m SW	Railway Building	1872	854001
A	130m SW	Beer Works	1938	947615
A	130m SW	Beer Works	1949	947615
A	130m SW	Beer Works	1898	906713
A	131m SW	Brewery	1964	943962
A	134m SW	Brewery	1989	1005537
A	134m SW	Brewery	1980	1005537
A	134m SW	Brewery	1974	1005537
A	134m SW	Brewery	1985	1005537
A	134m SW	Beer Works	1938	918375
A	135m SW	Beer Works	1910	918375
1	147m SE	Barracks	1872	858709
A	147m SW	Railway Building	1872	966952
A	149m SW	Railway Building	1980	884604
A	149m SW	Railway Building	1974	884604
A	149m SW	Railway Building	1985	884604
A	150m SW	Railway Building	1938	978671
A	150m SW	Railway Building	1949	978671
A	150m SW	Railway Building	1898	985156
A	150m SW	Railway Sidings	1910	1010028
A	152m SW	Railway Buildings	1938	810590
A	153m SW	Railway Building	1910	990179
A	154m S	Unspecified Pit	1964	828863
A	157m SW	Railway Building	1938	854005
A	167m SW	Railway Building	1898	965151

ID	Location	Land Use	Date	Group ID
A	168m SW	Railway Building	1938	942987
A	168m SW	Railway Building	1949	942987
A	171m SW	Railway Building	1910	869093
I	192m E	Disused Cemetery	1938	950377
I	192m E	Disused Cemetery	1949	950377
I	192m E	Disused Cemetery	1898	899911
I	192m E	Cemetery	1872	812029
I	194m E	Disused Cemetery	1938	942226
I	194m E	Disused Cemetery	1909	921138
A	201m SW	Railway Building	1964	854002
J	205m N	Unspecified Depot	1992	971380
K	207m S	Railway Sidings	1910	908555
C	209m N	Unspecified Heap	1872	843837
M	213m SE	Fire Station	1989	973612
M	213m SE	Fire Station	1992	973612
M	213m SE	Fire Station	1980	973612
M	213m SE	Fire Station	1974	973612
M	213m SE	Fire Station	1985	973612
A	216m S	Unspecified Tanks	1992	819260
A	223m SW	Railway Building	1938	854006
A	225m SW	Unspecified Mill	1938	1003072
A	225m SW	Unspecified Mill	1949	1003072
A	226m SW	Corn Mill	1872	811793
J	229m N	Unspecified Depot	1980	1005505
J	229m N	Unspecified Depot	1974	903484
O	231m SW	Hospital	1964	985946
2	231m N	Rope Walk	1872	846558
A	232m SW	Unspecified Tanks	1992	819261

ID	Location	Land Use	Date	Group ID
A	235m SW	Unspecified Works	1964	951416
A	237m SW	Unspecified Tank	1938	949275
A	238m SW	Unspecified Works	1989	896841
A	238m SW	Unspecified Works	1985	896841
A	239m SW	Unspecified Works	1980	978737
A	239m SW	Unspecified Works	1974	978737
A	240m SW	Unspecified Tank	1989	998639
A	240m SW	Unspecified Tank	1980	998639
A	240m SW	Unspecified Tank	1974	998639
A	240m SW	Unspecified Tank	1985	998639
O	244m SW	Hospital	1980	1008864
O	244m SW	Hospital	1974	1008864
A	244m SW	Railway Sidings	1910	935380
O	247m SW	General Hospital	1989	1004624
O	247m SW	General Hospital	1992	1004624
O	247m SW	General Hospital	1985	1004624
A	249m SW	Unspecified Commercial/Industrial	1910	822243
A	249m SW	Railway Building	1938	854007
A	249m SW	Unspecified Mill	1898	902118
P	257m W	Omnibus Depot	1949	856964
A	262m S	Unspecified Mill	1938	946457
A	263m S	Unspecified Mill	1910	1006515
N	265m SW	Unspecified Tank	1938	920913
N	265m SW	Unspecified Tank	1949	920913
N	267m SW	Unspecified Tank	1938	886664
N	268m SW	Unspecified Tank	1910	880538
A	272m S	Railway Building	1910	854491
S	274m N	Railway Sidings	1909	901713

ID	Location	Land Use	Date	Group ID
T	282m SW	Unspecified Workhouse	1898	961123
T	282m SW	Unspecified Workhouse	1872	961123
T	285m SW	Union Workhouse	1910	833150
U	287m SW	Fever Hospital	1938	967109
U	287m SW	General Hospital	1949	913329
V	288m SE	Unspecified Commercial/Industrial	1989	822244
U	291m SW	Fever Hospital	1938	1000605
K	295m S	Railway Building	1938	1006230
K	295m S	Railway Building	1949	1006230
K	295m S	Railway Building	1898	924379
K	295m S	Railway Building	1964	999728
K	296m S	Railway Buildings	1980	937120
K	296m S	Railway Buildings	1974	937120
K	296m S	Railway Building	1910	938496
K	297m S	Railway Building	1938	899188
K	298m S	Railway Building	1938	853991
X	308m SE	Hospital	1989	998531
X	308m SE	Hospital	1980	998531
X	308m SE	Hospital	1974	998531
X	308m SE	Hospital	1985	998531
X	308m SE	Hospital	1964	998531
K	313m S	Unspecified Pit	1964	828862
S	314m N	Railway Sidings	1872	953542
Z	324m E	Bus Station	1989	963601
Z	324m E	Bus Station	1992	963601
K	325m S	Railway Sidings	1980	902719
K	325m S	Railway Sidings	1974	902719
X	325m SE	Hospital	1938	908212

ID	Location	Land Use	Date	Group ID
AA	326m S	Railway Sidings	1938	905031
AA	326m S	Railway Sidings	1949	905031
X	327m SE	Hospital	1938	908212
X	327m SE	Hospital	1949	908212
AA	327m S	Railway Sidings	1989	891777
AA	327m S	Railway Sidings	1980	891777
AA	327m S	Railway Sidings	1974	891777
AA	327m S	Railway Sidings	1985	891777
AA	327m S	Railway Sidings	1964	891777
AB	327m S	Goods Yard	1989	929500
AB	327m S	Goods Yard	1992	922805
AB	327m S	Goods Yard	1980	899808
AB	327m S	Goods Yard	1974	899808
AB	327m S	Goods Yard	1985	899808
AC	327m S	Railway Sidings	1992	892059
AA	328m S	Railway Sidings	1938	1001264
AD	329m W	Unspecified Tank	1938	935099
AD	329m W	Unspecified Tank	1949	935099
Z	330m E	Bus Station	1985	939976
AD	331m W	Unspecified Tank	1938	886470
AD	333m W	Unspecified Tank	1910	886470
AF	334m S	Railway Building	1938	854004
S	344m N	Railway Sidings	1964	953367
U	347m SW	Fever Hospital	1898	895246
K	347m S	Unspecified Depot	1985	821124
AH	349m SE	Railway Building	1938	853994
U	350m SW	Fever Hospital	1910	895246
AF	353m SW	Railway Building	1938	854003

ID	Location	Land Use	Date	Group ID
AI	356m SW	Junction Station	1938	841158
K	358m S	Railway Building	1938	1005896
AH	358m SE	Railway Building	1938	853993
K	359m S	Railway Building	1910	1005896
K	363m S	Unspecified Depot	1989	889165
K	363m S	Unspecified Depot	1992	889165
AJ	364m N	Cuttings	1872	955776
AI	366m SW	Railway Building	1938	854000
AJ	367m N	Cuttings	1938	865410
AJ	367m N	Cuttings	1949	865410
K	368m S	Railway Sidings	1910	867580
P	368m W	Bus Depot	1989	924353
P	368m W	Bus Depot	1992	924353
P	368m W	Bus Depot	1980	924353
P	368m W	Bus Depot	1974	924353
P	368m W	Bus Depot	1985	924353
AA	370m SW	Railway Sidings	1872	945089
AJ	372m N	Cuttings	1938	977002
AJ	373m N	Cuttings	1909	944366
AC	373m SW	Railway Sidings	1910	951367
AJ	376m N	Carriage Shed	1872	837540
U	382m SW	Filter Bed	1910	824682
U	383m SW	Unspecified Ground Workings	1910	814997
K	388m S	Brewery	1910	904824
K	392m SE	Brewery	1938	912873
K	392m SE	Brewery	1949	912873
K	392m SE	Brewery	1938	977628
K	392m S	Unspecified Works	1980	992798

ID	Location	Land Use	Date	Group ID
K	392m S	Unspecified Works	1974	992798
K	394m SE	Unspecified Depot	1980	870211
K	394m SE	Unspecified Depot	1974	870211
K	396m S	Brewery	1898	948212
K	396m S	Brewery	1872	948212
AJ	401m N	Railway Building	1872	855015
AJ	402m N	Railway Building	1964	854892
6	405m E	Hospital	1992	852956
AA	408m SW	Railway Sidings	1898	945089
V	414m SE	Railway Building	1964	904141
V	421m SE	Railway Building	1938	929815
K	426m S	Unspecified Works	1964	911389
V	428m SE	Railway Station	1989	997543
V	428m SE	Railway Station	1992	997543
V	428m SE	Railway Station	1985	997543
AM	446m NE	Police Station	1989	1002804
AM	446m NE	Police Station	1992	1002804
AM	447m NE	Police Station	1985	972844
7	450m S	Malthouse	1872	838273
S	452m N	Railway Sidings	1898	943396
S	452m N	Locomotive Works	1898	912086
AA	453m SW	Railway Sidings	1910	944176
AM	456m NE	Police Station	1980	929178
AM	456m NE	Police Station	1974	929178
S	457m N	Unspecified Commercial/Industrial	1938	822526
S	457m N	Locomotive Works	1949	886336
S	457m N	Railway Sidings	1938	977613
AO	459m S	Unspecified Depots	1989	976722

ID	Location	Land Use	Date	Group ID
AO	459m S	Unspecified Depots	1992	976722
S	461m N	Railway Sidings	1909	975025
S	466m N	Locomotive Works	1909	860051
S	468m N	Unspecified Factory	1989	933851
S	468m N	Unspecified Factory	1992	933851
S	468m N	Unspecified Factory	1980	933851
S	468m N	Unspecified Factory	1974	933851
S	468m N	Unspecified Factory	1985	933851
AO	482m S	Unspecified Depot	1980	913931
AO	482m S	Unspecified Depot	1974	913931
AO	482m S	Unspecified Depot	1985	913931
V	484m SE	Railway Station	1910	961198
V	484m SE	Railway Station	1938	959287
AQ	487m S	Refuse Heap	1938	908271
AQ	487m S	Refuse Heap	1938	908271
8	488m N	Brick Field	1872	806854
V	489m SE	Railway Station	1964	936611
V	492m SE	Railway Station	1980	923853
V	492m SE	Railway Station	1974	923853
V	494m SE	Railway Station	1938	909489
V	494m SE	Railway Station	1949	909489
V	494m SE	Railway Station	1898	949691
S	497m N	Railway Buildings	1964	810753

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**91**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 31 >**

ID	Location	Land Use	Date	Group ID
A	23m SW	Oil Tanks	1912	126191
A	91m S	Pump and Tank	1873	114604
A	100m SW	Tanks	1989	146604
A	100m SW	Tanks	1992	146604
A	105m S	Pump and Tank	1873	114603
F	125m NE	Tanks	1990	145040
F	125m NE	Tanks	1973	145040
A	138m S	Unspecified Tank	1990	118479
A	195m S	Tanks	1996	133387
A	195m S	Tanks	1999	133387
A	199m S	Tanks	1990	138938
A	199m S	Tanks	1990	138938
A	202m S	Tanks	1996	151753
A	202m S	Tanks	1996	151753
A	203m S	Tanks	1989	151753
A	203m S	Tanks	1989	151753
A	203m S	Tanks	1963	151753
A	203m S	Tanks	1970	151753
A	203m S	Tanks	1989	151753
L	210m SW	Unspecified Tank	1978	149698
L	211m SW	Unspecified Tank	1970	149698
L	216m SW	Unspecified Tank	1978	147552
L	217m SW	Unspecified Tank	1970	132052

ID	Location	Land Use	Date	Group ID
A	220m S	Unspecified Tank	1996	147076
A	220m S	Unspecified Tank	1996	147076
A	221m S	Unspecified Tank	1989	151838
A	222m S	Tanks	1996	136063
A	222m S	Tanks	1999	136063
A	223m S	Tanks	1990	126875
A	223m S	Tanks	1990	126875
A	227m S	Tanks	1990	127559
A	227m S	Tanks	1990	127559
A	233m SW	Tanks	1996	127348
A	233m SW	Tanks	1996	127348
A	234m SW	Unspecified Tank	1960	134631
A	234m SW	Unspecified Tank	1957	134631
A	234m SW	Unspecified Tank	1963	134631
A	234m SW	Unspecified Tank	1970	134631
A	234m SW	Tanks	1989	126288
A	235m SW	Tanks	1989	126288
A	235m SW	Tanks	1989	146729
A	239m S	Unspecified Tank	1960	127939
A	239m S	Unspecified Tank	1958	129523
A	240m S	Unspecified Tank	1912	132872
A	240m S	Unspecified Tank	1937	128332
A	240m SW	Tanks	1970	150029
A	240m SW	Tanks	1989	150155
A	241m SW	Tanks	1989	150029
A	244m SW	Tanks	1989	147891
A	244m SW	Tanks	1989	127949
3	267m SE	Pump and Tank	1873	114600

ID	Location	Land Use	Date	Group ID
N	267m SW	Unspecified Tank	1912	118113
J	272m N	Unspecified Tank	1973	130261
J	272m N	Unspecified Tank	1990	134760
A	284m SW	Tanks	1996	126404
A	284m SW	Tanks	1996	126404
4	286m E	Unspecified Tank	1912	118473
W	293m SW	Tanks	1996	131104
W	293m SW	Tanks	1996	131104
W	293m SW	Tanks	1989	131104
W	294m SW	Tanks	1989	131104
W	294m SW	Tanks	1989	131104
A	296m SW	Tanks	1970	136865
A	296m SW	Tanks	1989	126337
A	297m SW	Tanks	1989	148268
A	297m SW	Tanks	1989	148775
5	320m E	Pump and Tank	1873	114599
AD	332m W	Unspecified Tank	1912	118112
AG	336m E	Unspecified Tank	1912	149936
AG	336m E	Unspecified Tank	1937	149936
X	367m SE	Unspecified Tank	1912	118474
K	385m S	Unspecified Tank	1937	144546
P	385m W	Unspecified Tank	1957	153447
K	386m S	Unspecified Tank	1960	144463
K	386m S	Unspecified Tank	1958	144463
K	386m S	Unspecified Tank	1968	144463
P	386m W	Unspecified Tank	1960	153447
K	388m S	Unspecified Tank	1912	133205
P	392m W	Tanks	1970	134725

ID	Location	Land Use	Date	Group ID
P	392m W	Tanks	1989	145782
P	398m W	Tanks	1978	131934
P	398m W	Tanks	1982	131934
P	398m W	Tanks	1988	131934
P	398m W	Tanks	1989	152483
P	398m W	Tanks	1992	152483
P	398m W	Tanks	1970	131934
V	425m SE	Unspecified Tank	1912	118118
P	432m W	Unspecified Tank	1957	149228
P	432m W	Unspecified Tank	1960	149228
K	447m S	Unspecified Tank	1988	147110
K	447m S	Unspecified Tank	1975	147110

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**81**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 31 >**

ID	Location	Land Use	Date	Group ID
B	**On site**	**Electricity Substation**	**1968**	**76465**
B	**On site**	**Electricity Substation**	**1968**	**76465**
B	**On site**	**Electricity Substation**	**1990**	**89428**
B	**On site**	**Electricity Substation**	**1990**	**76465**
B	**On site**	**Electricity Substation**	**1988**	**89428**
B	**On site**	**Electricity Substation**	**1988**	**76465**
A	37m SW	Electricity Substation	1992	69358
A	38m SW	Electricity Substation	1989	69358

ID	Location	Land Use	Date	Group ID
E	57m NE	Electricity Substation	1990	73323
E	58m NE	Electricity Substation	1973	73323
A	121m SE	Electricity Substation	1990	80437
A	121m SE	Electricity Substation	1988	80437
A	121m SE	Electricity Substation	1968	80437
A	121m SE	Electricity Substation	1968	80437
A	172m S	Electricity Substation	1975	69232
A	172m S	Electricity Substation	1968	69232
A	184m S	Electricity Substation	1988	78400
H	185m E	Electricity Substation	1990	91657
H	185m E	Electricity Substation	1988	91657
N	218m W	Electricity Substation	1978	82715
N	218m W	Electricity Substation	1982	82715
N	218m W	Electricity Substation	1988	82715
N	220m W	Electricity Substation	1970	82715
N	220m W	Electricity Substation	1989	82715
N	225m W	Electricity Substation	1992	87989
Q	268m NE	Electricity Substation	1990	93041
Q	269m NE	Electricity Substation	1973	93041
R	274m W	Electricity Substation	1978	76528
R	274m W	Electricity Substation	1982	76528
R	274m W	Electricity Substation	1988	76528
R	275m W	Electricity Substation	1992	77283
R	276m W	Electricity Substation	1989	77581
Y	316m SE	Electricity Substation	1990	77695
Y	316m SE	Electricity Substation	1990	77695
Y	316m SE	Electricity Substation	1988	77695
Y	317m SE	Electricity Substation	1996	77695

ID	Location	Land Use	Date	Group ID
Y	317m SE	Electricity Substation	1999	77695
Y	317m SE	Electricity Substation	1975	77695
Y	317m SE	Electricity Substation	1968	77695
AE	331m SW	Electricity Substation	1989	88289
AE	331m SW	Electricity Substation	1992	88289
AH	350m SE	Electricity Substation	1990	74955
AH	350m SE	Electricity Substation	1990	74955
AH	350m SE	Electricity Substation	1988	74955
P	350m W	Electricity Substation	1975	74620
P	350m W	Electricity Substation	1968	74620
P	350m W	Electricity Substation	1988	74620
P	350m W	Electricity Substation	1994	74620
P	350m W	Electricity Substation	1994	74620
P	350m W	Electricity Substation	1992	74620
P	350m W	Electricity Substation	1994	74620
AH	351m SE	Electricity Substation	1996	74955
AH	351m SE	Electricity Substation	1999	74955
AH	351m SE	Electricity Substation	1975	74955
K	352m S	Electricity Substation	1999	65985
AJ	402m N	Electricity Substation	1988	85055
AJ	402m N	Electricity Substation	1994	90817
AJ	402m N	Electricity Substation	1994	90817
AJ	402m N	Electricity Substation	1992	90817
AJ	402m N	Electricity Substation	1994	90817
AJ	402m N	Electricity Substation	1975	90701
AJ	402m N	Electricity Substation	1968	90701
V	412m SE	Electricity Substation	1990	69314
V	412m SE	Electricity Substation	1990	69314

ID	Location	Land Use	Date	Group ID
V	412m SE	Electricity Substation	1988	69314
V	414m SE	Electricity Substation	1975	69314
V	414m SE	Electricity Substation	1968	69314
V	414m SE	Electricity Substation	1996	69314
AL	418m NW	Electricity Substation	1994	84218
AL	418m NW	Electricity Substation	1975	90993
AL	418m NW	Electricity Substation	1968	90993
AL	420m NW	Electricity Substation	1988	90993
AL	428m NW	Electricity Substation	1992	65083
AL	456m NW	Electricity Substation	1994	90296
AL	457m NW	Electricity Substation	1994	90296
AN	457m E	Electricity Substation	1990	81228
AN	457m E	Electricity Substation	1974	81228
AP	461m N	Electricity Substation	1990	71698
AP	462m N	Electricity Substation	1973	71698
AR	492m SW	Electricity Substation	1989	81794
AR	492m SW	Electricity Substation	1992	81794

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	**1**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 31 >**

ID	Location	Land Use	Date	Group ID
A	11m SW	Filling Station	1988	1552

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	**57**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 31 >**

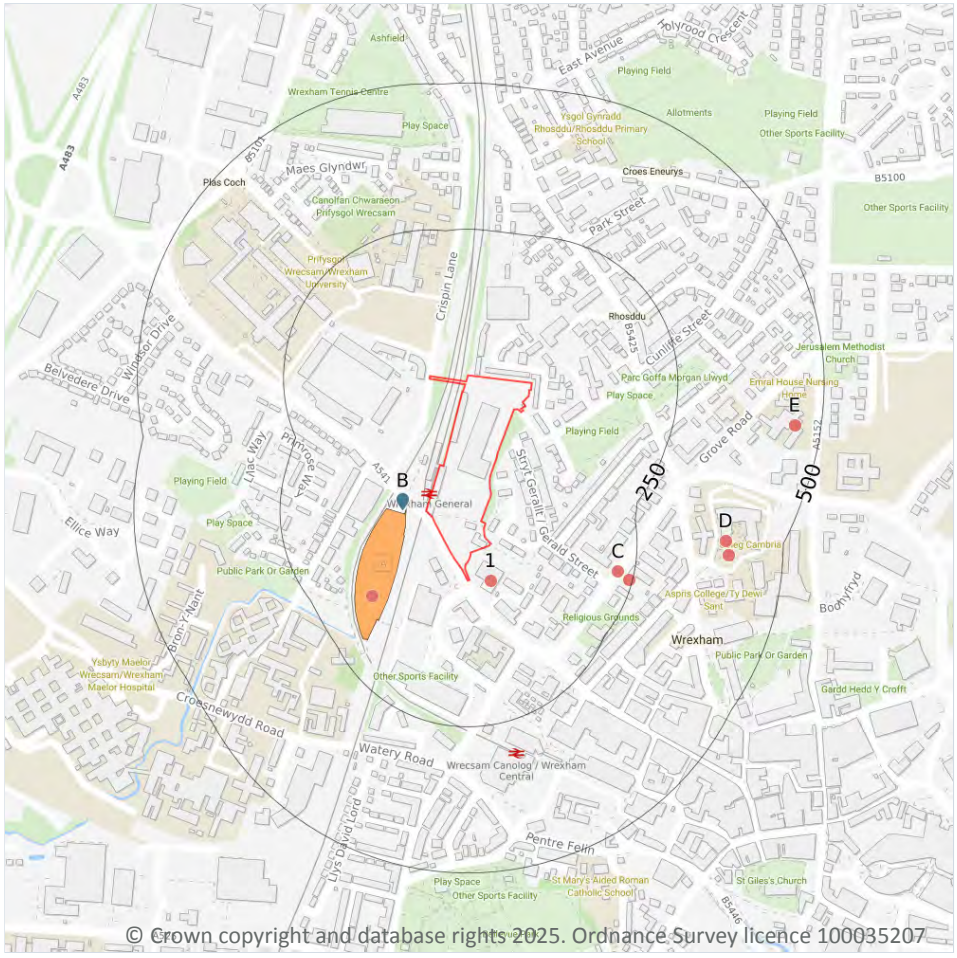
ID	Location	Land Use	Date	Group ID
A	9m SW	Garage	1957	30105
A	10m SW	Garage	1978	28301
A	10m SW	Garage	1982	28301
A	10m SW	Garage	1970	23695
A	15m SW	Garage	1988	27186
A	15m SW	Garage	1958	30105
A	15m SW	Garage	1968	22845
A	17m SW	Garage	1978	23695
A	17m SW	Garage	1982	27186
A	18m SW	Garage	1960	29721
A	18m SW	Garage	1970	23695
A	23m SW	Garage	1957	30105
A	23m SW	Garage	1960	25815
A	31m W	Garage	1989	29084
A	33m W	Garage	1992	29084
A	33m W	Garage	1978	30932
A	33m W	Garage	1982	30932
A	33m W	Garage	1988	30932
A	34m W	Garage	1957	30413
A	34m W	Garage	1970	26839
A	47m W	Garage	1960	27558
A	52m E	Garage	1988	28777
B	52m S	Garage	1978	27091

ID	Location	Land Use	Date	Group ID
B	52m S	Garage	1982	30608
B	52m S	Garage	1970	27091
B	58m W	Garage	1957	24000
B	58m W	Garage	1960	27705
A	62m SE	Garage	1968	24265
A	62m SE	Garage	1968	24265
B	68m NW	Garage	1992	29773
B	74m W	Garage	1989	24592
A	75m W	Garage	1978	29280
A	75m W	Garage	1982	29280
A	75m W	Garage	1988	29280
A	75m W	Garage	1989	27360
A	75m W	Garage	1970	24736
A	78m W	Garage	1992	26609
A	87m W	Garage	1989	30565
A	89m W	Garage	1992	27360
G	136m NE	Garage	1990	25571
G	136m NE	Garage	1973	30498
G	143m NE	Garage	1958	24775
G	144m NE	Garage	1960	29363
A	239m S	Garage	1999	22243
P	289m W	Garage	1978	25170
P	289m W	Garage	1982	25170
P	289m W	Garage	1988	25170
P	290m W	Garage	1970	25170
AK	386m SE	Garage	1958	25163
AK	388m SE	Garage	1960	25163
V	453m SE	Garage	1990	22913

ID	Location	Land Use	Date	Group ID
V	453m SE	Garage	1990	22913
V	453m SE	Garage	1996	22913
V	453m SE	Garage	1999	22913
V	459m SE	Garage	1988	27305
V	460m SE	Garage	1975	27471
V	460m SE	Garage	1968	27471

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	2

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 54 >**

ID	Location	Address	Further Details	Date
A	34m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1992
A	34m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1989

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	**6**

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 54 >**

ID	Location	Details		
B	44m W	Site Name: Jacques Garage Site Address: Mold Road, Wrexham, Clwyd, LL11 2AD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: JAC001 EPR reference: LP3194FV/V002 Operator: Jacques Garage Waste Management licence No: 37037 Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: - Modified: 30/11/2001 Surrendered Date: 0 Expiry Date: 0 Cancelled Date: 0 Status: Expired
B	44m W	Site Name: - Site Address: Jacques Garage, Wrexham, Clwyd, LL11 2AD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LP3194FV EPR reference: - Operator: - Waste Management licence No: 37037 Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: 29/09/1992 Modified: - Surrendered Date: - Expiry Date: 24/04/2007 Cancelled Date: - Status: Expired
B	44m W	Site Name: - Site Address: Jacques Garage, Clwyd, Wrexham, Wrexham, LL11 2AD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LP3194FV EPR reference: - Operator: Jacques Garage Waste Management licence No: 37037 Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: 29/09/1992 Modified: - Surrendered Date: - Expiry Date: 24/04/2007 Cancelled Date: - Status: Expired
B	44m W	Site Name: - Site Address: Jacques Garage, Wrexham, Wrexham, LL11 2AD Correspondence Address: -	Type of Site: - Size: Unknown Environmental Permitting Regulations (Waste) Licence Number: LP3194FV EPR reference: - Operator: Jacques Garage Waste Management licence No: 0 Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: 29/09/1992 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

ID	Location	Details		
B	44m W	Site Name: - Site Address: Jacques Garage, Wrexham, Clwyd, LL11 2AD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: - Environmental Permitting Regulations (Waste) Licence Number: LP3194FV EPR reference: - Operator: Jacques Garage Waste Management licence No: - Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: 29/09/1992 Modified: - Surrendered Date: - Expiry Date: 24/04/2007 Cancelled Date: - Status: Expired
B	44m W	Site Name: - Site Address: Jacques Garage, Wrexham, Clwyd, LL11 2AD Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: - Environmental Permitting Regulations (Waste) Licence Number: LP3194FV EPR reference: - Operator: Jacques Garage Waste Management licence No: - Annual Tonnage: 5000	Issue Date: 29/09/1992 Effective Date: 29/09/1992 Modified: - Surrendered Date: - Expiry Date: 24/04/2007 Cancelled Date: - Status: Expired

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m **17**

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 54 >**

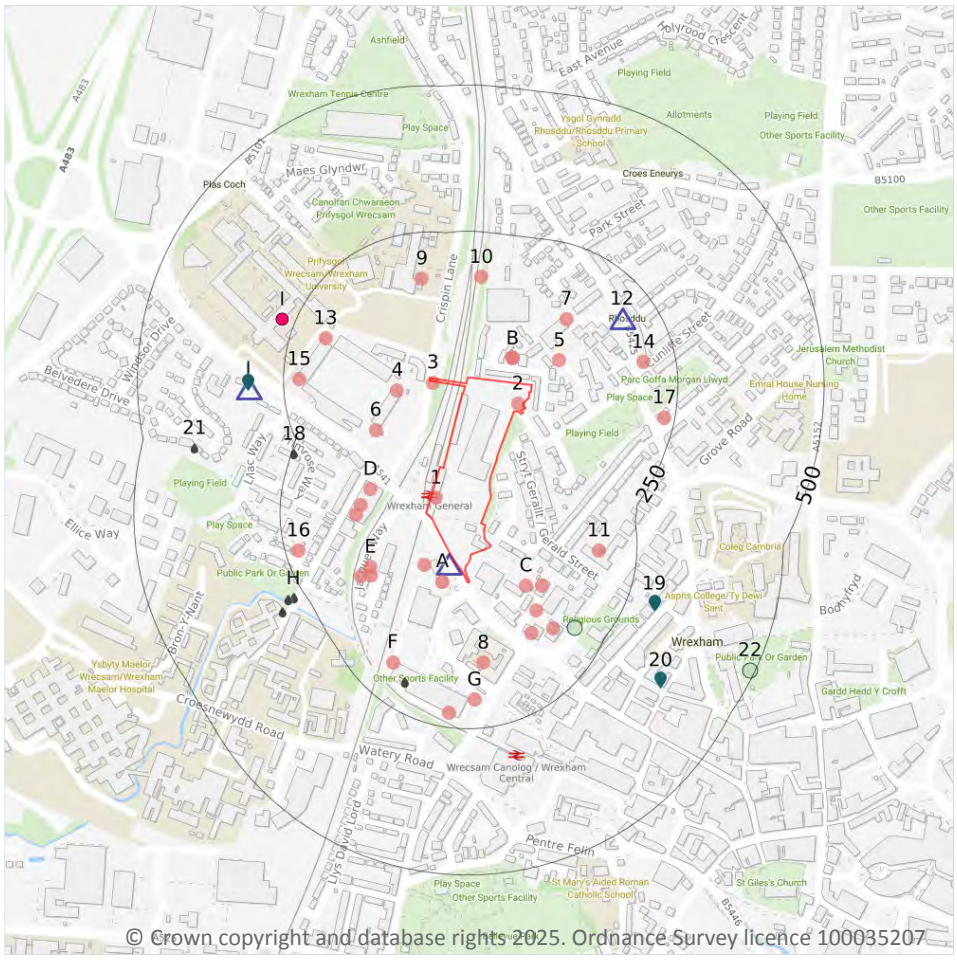
ID	Location	Site	Reference	Category	Sub-Category	Description
1	36m E	Po Box 2452, Wrexham, Ll11 0ra	WEX352882	Using waste exemption	Not on a farm	Use of waste for a specified purpose
A	155m SW	-	WEX294472	Using waste exemption	Not on a farm	Use of waste in construction
C	222m E	Elysium Healthcare, Ty Grosvenor Hospital, 16 Grosvenor Road, Wrexham, Wrexham, Ll11 1bu	NRW-WME105714	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

ID	Location	Site	Reference	Category	Sub-Category	Description
C	244m E	16, Grosvenor Road, Wrexham, Ll11 1bu	WEX161147	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
D	401m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll127ab	NRW-WME022197	Using waste exemption	Not on a farm	Use of waste for a specified purpose
D	401m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll127ab	NRW-WME022197	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	401m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll127ab	NRW-WME022197	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
D	401m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll127ab	NRW-WME022197	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
D	401m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll127ab	NRW-WME022197	Using waste exemption	Not on a farm	Use of mulch
D	407m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll12 7ab	NRW-WME049789	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
D	407m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll12 7ab	NRW-WME049789	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	407m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll12 7ab	NRW-WME049789	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
D	407m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll12 7ab	NRW-WME049789	Using waste exemption	Not on a farm	Use of waste for a specified purpose

ID	Location	Site	Reference	Category	Sub-Category	Description
D	407m E	Coleg Cambria, Coleg Cambria Yale, Grove Park Road, Wrexham, Wrexham, Ll12 7ab	NRW-WME049789	Using waste exemption	Not on a farm	Use of mulch
E	455m E	Nightingale House, Chester Road, Wrexham, Ll11 2sj	WEX093399	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal
E	455m E	Nightingale House, Chester Road, Wrexham, Ll11 2sj	WEX093399	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	455m E	Nightingale House Hospice, Nightingale House Hospice, Chester Road, Wrecsam, Wrexham County Borough, Ll112sj	NRW-WME023282	Treating waste exemption	Not on a farm	Sorting and de-naturing of controlled drugs for disposal

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	34

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Company	Address	Activity	Category
1	**On site**	**Wrexham General Rail Station**	**Clwyd, LL11**	**Railway Stations, Junctions and Halts**	**Public Transport, Stations and Infrastructure**
2	**On site**	**Electricity Sub Station**	**Clwyd, LL11**	**Electrical Features**	**Infrastructure and Facilities**

ID	Location	Company	Address	Activity	Category
3	2m S	Mast	Clwyd, LL11	Telecommunications Features	Infrastructure and Facilities
A	37m SW	Ableworld	Counterpoint Regent Street, Wrexham, Clwyd, LL11 1PF	Disability and Mobility Equipment	Consumer Products
B	41m N	Pumping Station	Clwyd, LL11	Water Pumping Stations	Industrial Features
B	43m N	Sewage Pumping Station	Clwyd, LL11	Waste Storage, Processing and Disposal	Infrastructure and Facilities
A	48m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
4	58m W	Pylon	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
5	63m NE	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
C	91m SE	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
D	103m W	ATS Euromaster Ltd	Vehicle Repair Workshop, Mold Road, Wrexham, Clwyd, LL11 2AD	Vehicle Parts and Accessories	Motoring
C	111m SE	Hi Speed Tyres	Workshop, Caxton Place, Wrexham, Clwyd, LL11 1PP	Vehicle Parts and Accessories	Motoring
D	113m W	B D Performanc e	Unit B, Maesgwyn Road, Wrexham, Clwyd, LL11 2AP	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	120m W	Deluxa Blinds Chester	Unit C, Maesgwyn Road, Wrexham, Clwyd, LL11 2AP	Curtains and Blinds	Consumer Products
C	124m SE	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
6	125m SW	Pylon	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
7	128m NE	Tank	Clwyd, LL11	Tanks (Generic)	Industrial Features
E	131m SW	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
E	136m SW	Pumping Station	Clwyd, LL11	Water Pumping Stations	Industrial Features

ID	Location	Company	Address	Activity	Category
C	137m SE	Ableworld	Unit 2 Regent House, Regent Street, Wrexham, Clwyd, LL11 1PR	Disability and Mobility Equipment	Consumer Products
8	140m S	Tank	Clwyd, LL11	Tanks (Generic)	Industrial Features
E	153m SW	Sewage Pumping Station	Clwyd, LL11	Waste Storage, Processing and Disposal	Infrastructure and Facilities
C	163m SE	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
9	171m N	Chimney	Clwyd, LL11	Chimneys	Industrial Features
10	173m N	Mast	Clwyd, LL11	Telecommunications Features	Infrastructure and Facilities
11	185m E	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
F	187m SW	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
13	192m W	Pylon	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
14	195m E	Mediafields	42-44, Rhosddu Road, Wrexham, Clwyd, LL11 2NT	Electrical Equipment Repair and Servicing	Repair and Servicing
G	200m S	Electricity Sub Station	Clwyd, LL13	Electrical Features	Infrastructure and Facilities
15	223m W	Pylon	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
G	224m S	Tank	Clwyd, LL13	Tanks (Generic)	Industrial Features
16	228m W	Electricity Sub Station	Clwyd, LL11	Electrical Features	Infrastructure and Facilities
17	232m E	Supreme Signs	11, Lorne Street, Wrexham, Clwyd, LL11 2LR	Signs	Industrial Products

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	**3**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Company	Address	LPG	Status
A	12m SW	OBSOLETE	Regent Street, Wrexham, Wrexham, LL11 1PF	Not Applicable	Obsolete
12	191m NE	OBSOLETE	Rhosddu Road, Wrexham, Wrexham, LL11 2NW	Not Applicable	Obsolete
J	311m W	SHELL	Mold Road, Wrexham, Wrexham, LL11 2AF	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	3

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Address	Details	
19	296m E	The Professionals, 43 King Street, Wrexham, LL11 1HR	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
J	312m W	Shell UK Ltd, Mold Road, Wrexham, LL11 2AF	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.
20	367m SE	Johnson Cleaners UK Limited, 11 Lord Street, Wrexham, LL11 1LH	Process: Dry Cleaning Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified. Date of enforcement: No Enforcement Notified. Comment: No Enforcement Notified.

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m **3**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Address	Details	
I	272m W	Glyndwr University, Multidisciplinary Research And Innovation Centre,north East Wales Institute,plas Coch, Wrexham, Clwyd, LL11 2AW	Operator: Glyndwr University Type: Keeping And Use Of Radioactive Materials (was Rsa60 Section 1). Permission number: AW1209 Date of approval: 21/01/1997	Effective from: 21/01/1997 Last date of update: 01/01/2015 Status: Revoked/cancelled
I	272m W	Glyndwr University, Multidisciplinary Research And Innovation Centre, North East Wales Institute, Plas Coch, Wrexham, Clwyd, LL11 2AW	Operator: Glyndwr University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW1233 Date of approval: 15/01/1997	Effective from: 21/01/1997 Last date of update: 01/01/2015 Status: Superseded By Variation
I	272m W	Glyndwr University, Multidisciplinary Research And Innovation Centre, North East Wales Institute, Plas Coch, Wrexham, Clwyd, LL11 2AW	Operator: Glyndwr University Type: Disposal Of Radioactive Waste (was Rsa60 Section 6). Permission number: AW1233 Date of approval: 01/12/2003	Effective from: 01/01/2004 Last date of update: 01/01/2015 Status: Revoked/cancelled

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	**11**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Address	Details	
F	201m SW	WREXHAMLAGERBREWERYCENTRALROAD,WREXHAMLAGERBREWERYCENTRALRO,CENTRALROADWREXHAM,WREXHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0088101 Permit Version: 1 Receiving Water: RIVER GWENFRO	Status: REVOKED - UNSPECIFIED Issue date: 06/02/1980 Effective Date: 06/02/1980 Revocation Date: 14/11/1995
F	201m SW	WREXHAMLAGERBREWERYCENTRALROAD,WREXHAMLAGERBREWERYCENTRALRO,CENTRALROADWREXHAM,WREXHAM	Effluent Type: TRADE DISCHARGES - UNSPECIFIED Permit Number: CM0088101 Permit Version: 2 Receiving Water: RIVER GWENFRO	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV Issue date: 14/11/1995 Effective Date: 15/11/1995 Revocation Date: 06/03/2001
F	201m SW	WREXHAMLAGERBREWERYCENTRALROAD,WREXHAMLAGERBREWERYCENTRALRO,CENTRALROADWREXHAM,WREXHAM	Effluent Type: UNSPECIFIED Permit Number: CM0024701 Permit Version: 1 Receiving Water: GWENFRO	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 22/09/1964 Effective Date: 22/09/1964 Revocation Date: 17/02/1986
F	201m SW	WREXHAMLAGERBREWERYCENTRALROAD,WREXHAMLAGERBREWERYCENTRALRO,CENTRALROADWREXHAM,WREXHAM	Effluent Type: UNSPECIFIED Permit Number: CM0024702 Permit Version: 1 Receiving Water: GWENFRO	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY Issue date: 22/09/1964 Effective Date: 22/09/1964 Revocation Date: 17/02/1986
18	246m W	WREXHAMMOLDROADDEPOT,MOLDROADDEPOT	Effluent Type: UNSPECIFIED Permit Number: CM0062401 Permit Version: 1 Receiving Water: UN-NAMED TRIB. OF GWENFRO	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 16/06/1970 Effective Date: 16/06/1970 Revocation Date: 06/01/1993
H	270m SW	WrexhamMaesglasSPS,MaesgwynRd,Rhosrobin,Wrexham,LL112AP	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: CM0194101 Permit Version: 0 Receiving Water: Afon Gwenfro	Status: Effective Issue date: 06/02/2020 Effective Date: 06/02/2020 Revocation Date: -
H	270m SW	WrexhamMaesglasSPS,MaesgwynRd,Rhosrobin,Wrexham,LL112AP	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: CM0194101 Permit Version: 0 Receiving Water: Afon Gwenfro	Status: Effective Issue date: 06/02/2020 Effective Date: 06/02/2020 Revocation Date: -

ID	Location	Address	Details	
H	279m SW	MEASGWYNSEWAGEPUMPINGSTATION,MAESGWYNPUMPINGSTATION,MEASGWYNROAD,WREXHAM	Effluent Type: MISCELLANEOUS DISCHARGES - EMERGENCY DISCHARGES Permit Number: CM0194101 Permit Version: 2 Receiving Water: AFON GWENFRO	Status: Effective Issue date: 28/03/2002 Effective Date: 29/03/2002 Revocation Date: -
H	279m SW	MEASGWYNSEWAGEPUMPINGSTATION,MAESGWYNPUMPINGSTATION,MEASGWYNROAD,WREXHAM	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: CM0194101 Permit Version: 2 Receiving Water: AFON GWENFRO	Status: Effective Issue date: 28/03/2002 Effective Date: 29/03/2002 Revocation Date: -
H	299m SW	MAESGWYNPS	Effluent Type: UNSPECIFIED Permit Number: CM0194101 Permit Version: 1 Receiving Water: GWENFRO	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 19/10/1989 Effective Date: 19/10/1989 Revocation Date: 28/03/2002
21	412m W	WREXHAMMOLDROADDEPOT,MOLDROADDEPOT	Effluent Type: UNSPECIFIED Permit Number: CM0026101 Permit Version: 1 Receiving Water: UN-NAMED TRIB. OF GWENFRO	Status: CONSENT EXPIRED - TIME LIMIT Issue date: 21/12/1964 Effective Date: 21/12/1964 Revocation Date: 06/01/1993

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	2

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 60 >**

ID	Location	Details	
C	196m SE	Incident Date: 24/07/2014 Incident Identification: 1260426 Pollutant: Multiple Pollutants Pollutant Description: 2 Pollutants Including Smoke	Water Impact: - Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
22	492m SE	Incident Date: 26/10/2002 Incident Identification: 116888 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

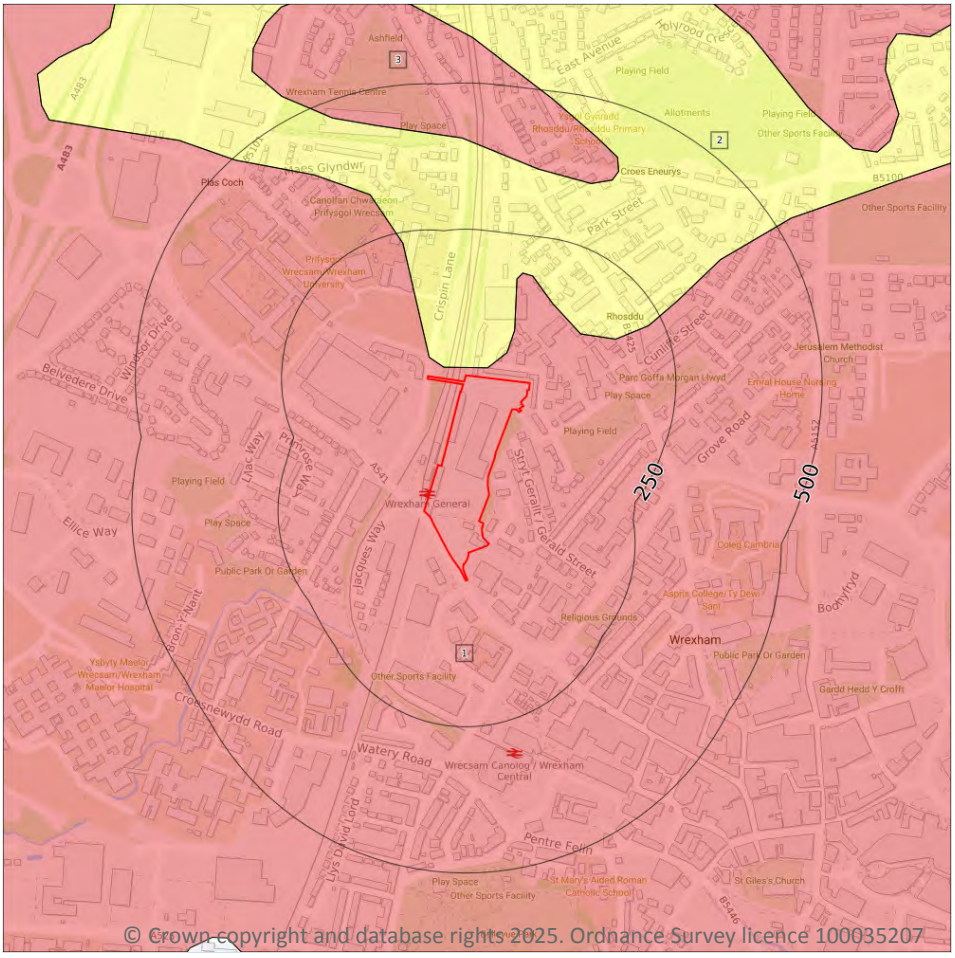
4.21 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m	3

Aquifer status of groundwater held within superficial geology.

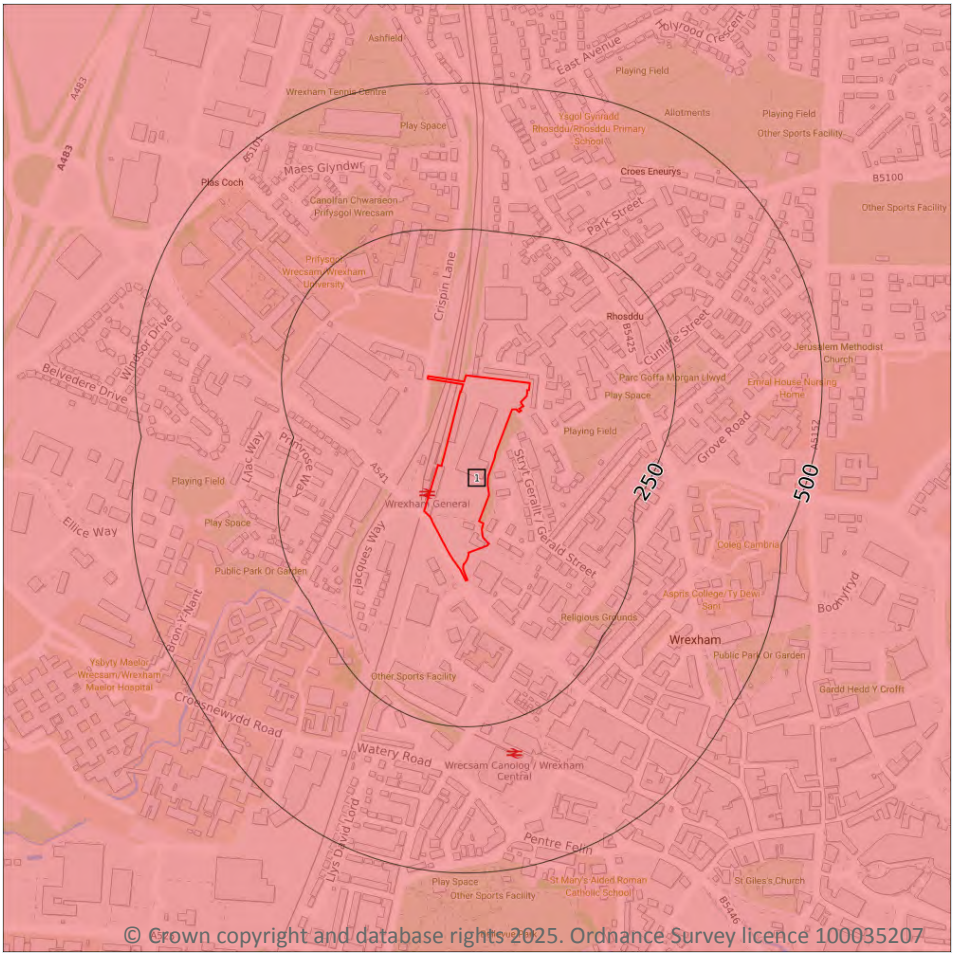
Features are displayed on the Hydrogeology map on **page 70 >**

ID	Location	Designation	Description
1	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
2	13m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	357m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m	1

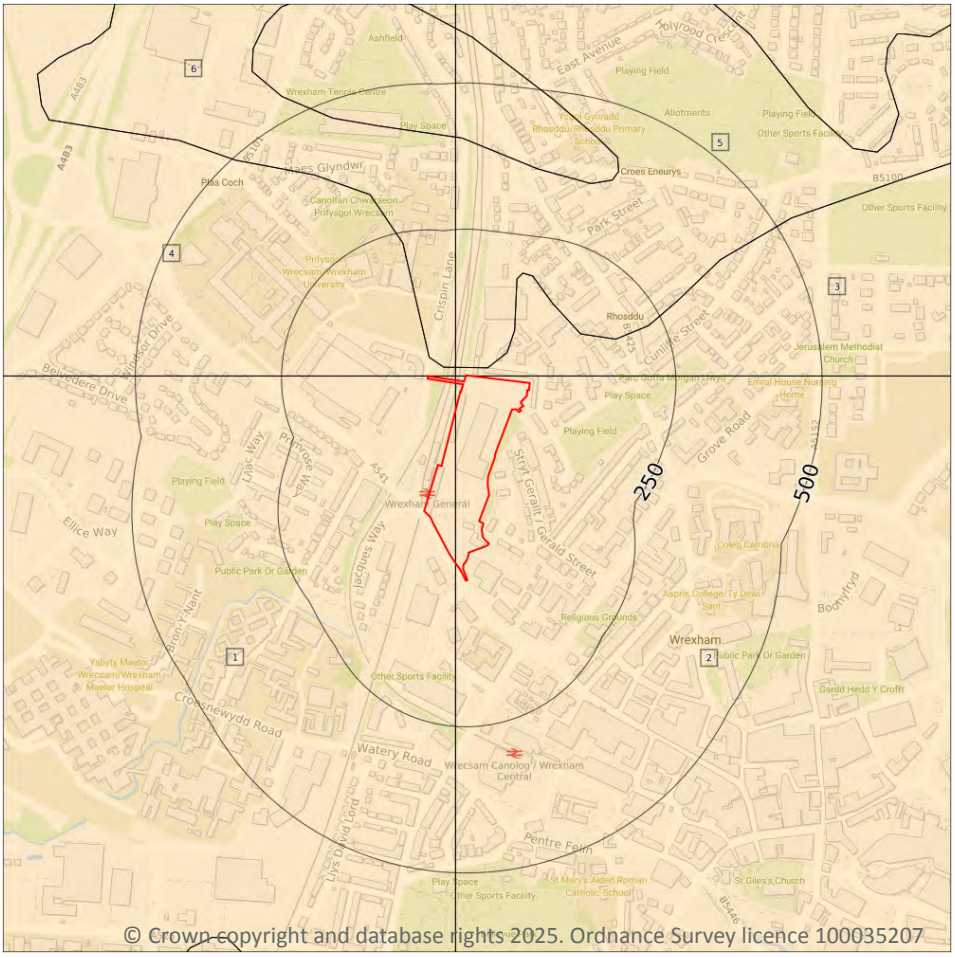
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 72 >**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	6

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 73 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**
2	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**
3	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**
4	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures**
5	13m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
6	19m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

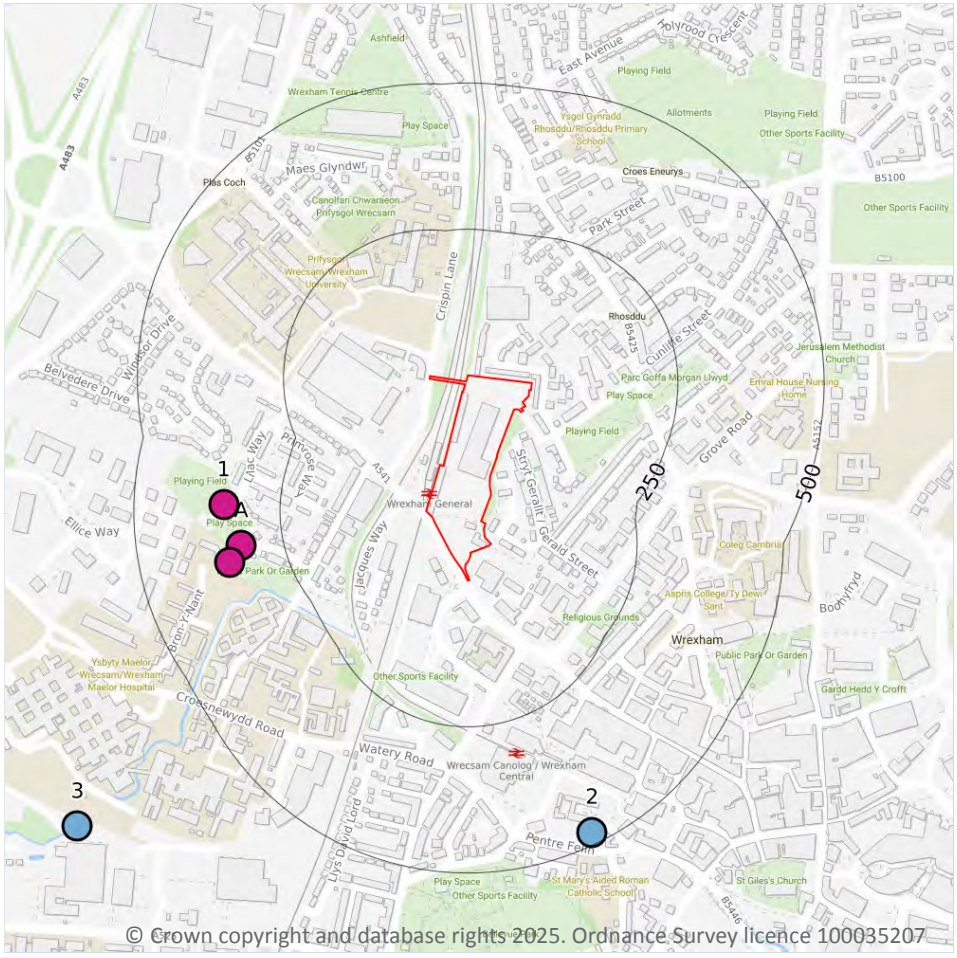
5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m	4

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 76 >**

ID	Location	Details	
A	322m W	Status: Historical Licence No: 24/67/7/0012 Details: Process water Direct Source: EAW Groundwater Point: WELL NO.3 Data Type: Point Name: Carlsberg Tetley Brewing Ltd. Easting: 332630 Northing: 350710	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 25/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/05/1970 Version End Date: -
1	347m W	Status: Historical Licence No: 24/67/7/0012 Details: Process water Direct Source: EAW Groundwater Point: WELL NO.1 Data Type: Point Name: Carlsberg Tetley Brewing Ltd. Easting: 332600 Northing: 350780	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 25/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/05/1970 Version End Date: -
A	348m W	Status: Historical Licence No: 24/67/7/0012 Details: Process water Direct Source: EAW Groundwater Point: WELL NO.2 Data Type: Point Name: Carlsberg Tetley Brewing Ltd. Easting: 332610 Northing: 350681	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 25/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/05/1970 Version End Date: -
-	1539m E	Status: Historical Licence No: WA/067/0007/0017 Details: Dewatering - Very Low Direct Source: Salop Formation (Warwickshire Group) Point: - Data Type: Poly4 Name: - Easting: 334642 Northing: 350626	Annual Volume (m^3): 27030 Max Daily Volume (m^3): 159.12 Original Application No: - Original Start Date: Dec 16 2020 12:00AM Expiry Date: Mar 31 2021 12:00AM Issue No: - Version Start Date: - Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	**8**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 76 >**

ID	Location	Details	
2	479m SE	Status: Historical Licence No: 24/67/7/0147 Details: Effluent/Slurry Dilution Direct Source: EAW Surface Water Point: RIVER GWENFRO Data Type: Point Name: Wrexham County Borough Easting: 333230 Northing: 350220	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 24/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 24/02/1967 Version End Date: -
3	789m SW	Status: Historical Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct Direct Source: EAW Surface Water Point: RIVER GWENFRO Data Type: Point Name: Rees Easting: 332350 Northing: 350230	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 24/02/1967 Expiry Date: - Issue No: 100 Version Start Date: 28/01/1983 Version End Date: -
-	936m SW	Status: Historical Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct Direct Source: EAW Surface Water Point: TRIBUTARY OF RIVER GWENFRO Data Type: Line Name: Morris Easting: 331800 Northing: 350100	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 511.434 Original Application No: - Original Start Date: 24/02/1967 Expiry Date: - Issue No: 101 Version Start Date: 13/06/2003 Version End Date: -
-	1372m SW	Status: Historical Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct Direct Source: EAW Surface Water Point: TRIBUTARY OF RIVER GWENFRO Data Type: Line Name: Morris Easting: 331100 Northing: 350060	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 511.434 Original Application No: - Original Start Date: 24/02/1967 Expiry Date: - Issue No: 101 Version Start Date: 13/06/2003 Version End Date: -
-	1423m S	Status: Active Licence No: WA/067/0007/0023 Details: Unknown (Impounding) - Direct Source: River Clywedog Point: - Data Type: Point Name: - Easting: 332568 Northing: 349300	Annual Volume (m^3): 0 Max Daily Volume (m^3): - Original Application No: - Original Start Date: 03/04/2025 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -

ID	Location	Details	
-	1459m W	Status: Active Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct - High Direct Source: - Point: - Data Type: Line Name: - Easting: 331190 Northing: 350560	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 511.43 Original Application No: - Original Start Date: 13/06/2003 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1459m W	Status: Historical Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct - High Direct Source: - Point: - Data Type: Line Name: - Easting: 331190 Northing: 350560	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 981.96 Original Application No: - Original Start Date: 13/06/2003 Expiry Date: - Issue No: - Version Start Date: - Version End Date: -
-	1459m W	Status: Historical Licence No: 24/67/7/0135 Details: Spray Irrigation - Direct Direct Source: EAW Surface Water Point: RIVER GWENFRO Data Type: Line Name: Morris Easting: 331190 Northing: 350560	Annual Volume (m^3): 4546 Max Daily Volume (m^3): 511.434 Original Application No: - Original Start Date: 24/02/1967 Expiry Date: - Issue No: 101 Version Start Date: 13/06/2003 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	**0**

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

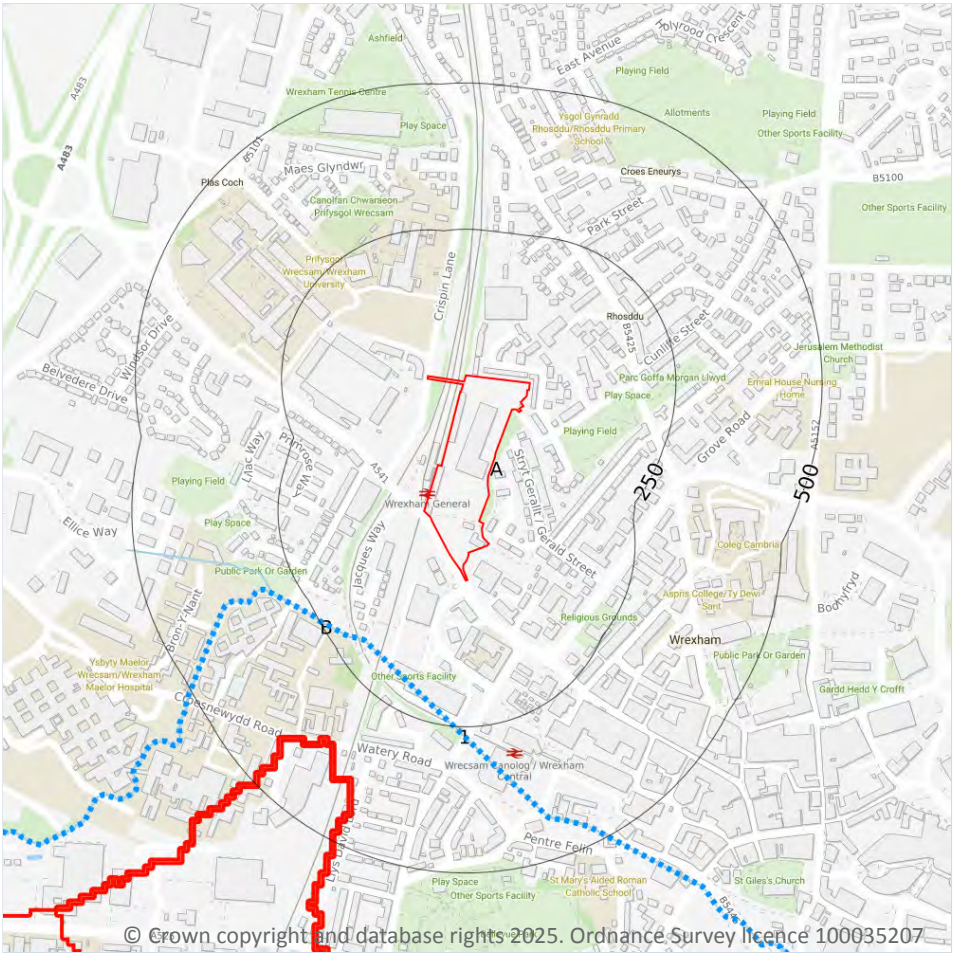
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m	2

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 81 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	194m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Gwenfro

ID	Location	Type of water feature	Ground level	Permanence	Name
B	201m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Afon Gwenfro

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**1**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 81 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	**1**

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 81 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River WB catchment**	**Gwenfro**	**GB111067051730**	**Clywedog - Dee**	**Dee**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	**1**

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site.

Features are displayed on the Hydrology map on **page 81 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	194m SW	River	Gwenfro	GB111067051730	Moderate	Fail	Good	2016

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place.

Features are displayed on the Hydrology map on **page 81 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	**On site**	**Dee Carboniferous Coal Measures**	**GB41102G204800**	**Poor**	**Poor**	**Good**	**2017**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

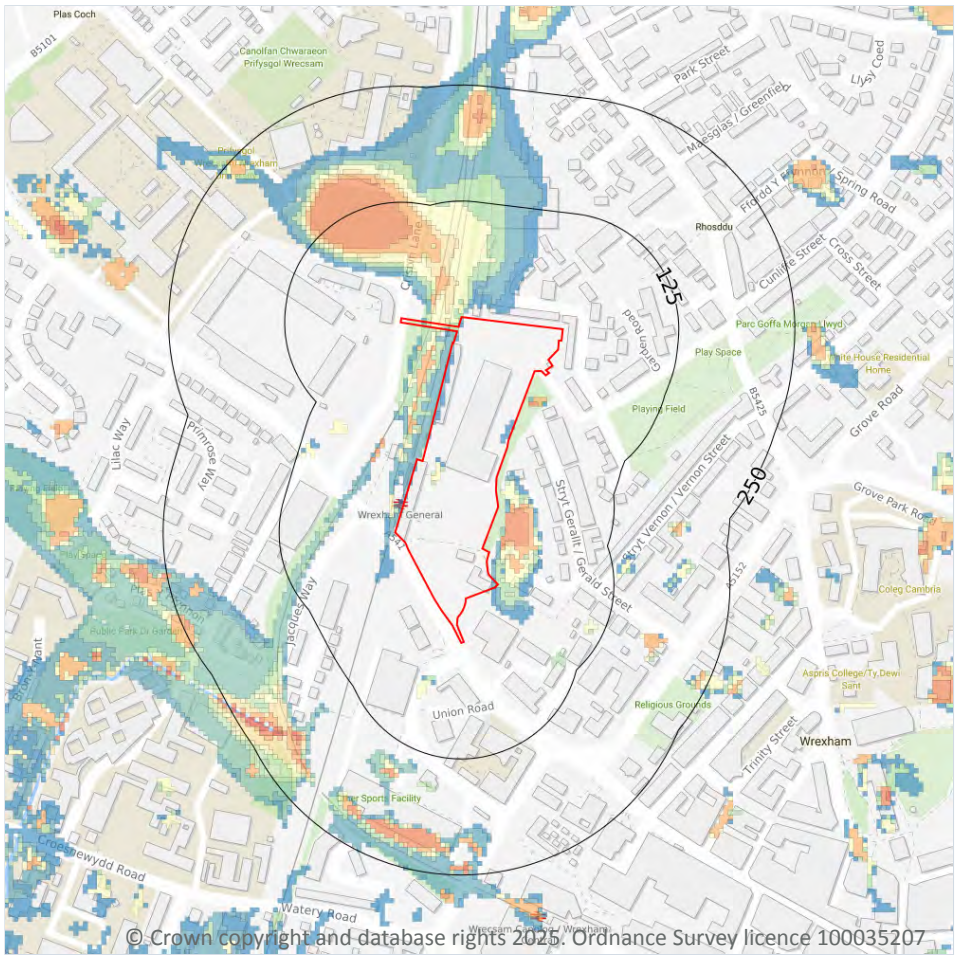
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline

Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 100 year, 0.1m - 0.3m**
Highest risk within 50m	**1 in 30 year, 0.3m - 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 87 >**

The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding

Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

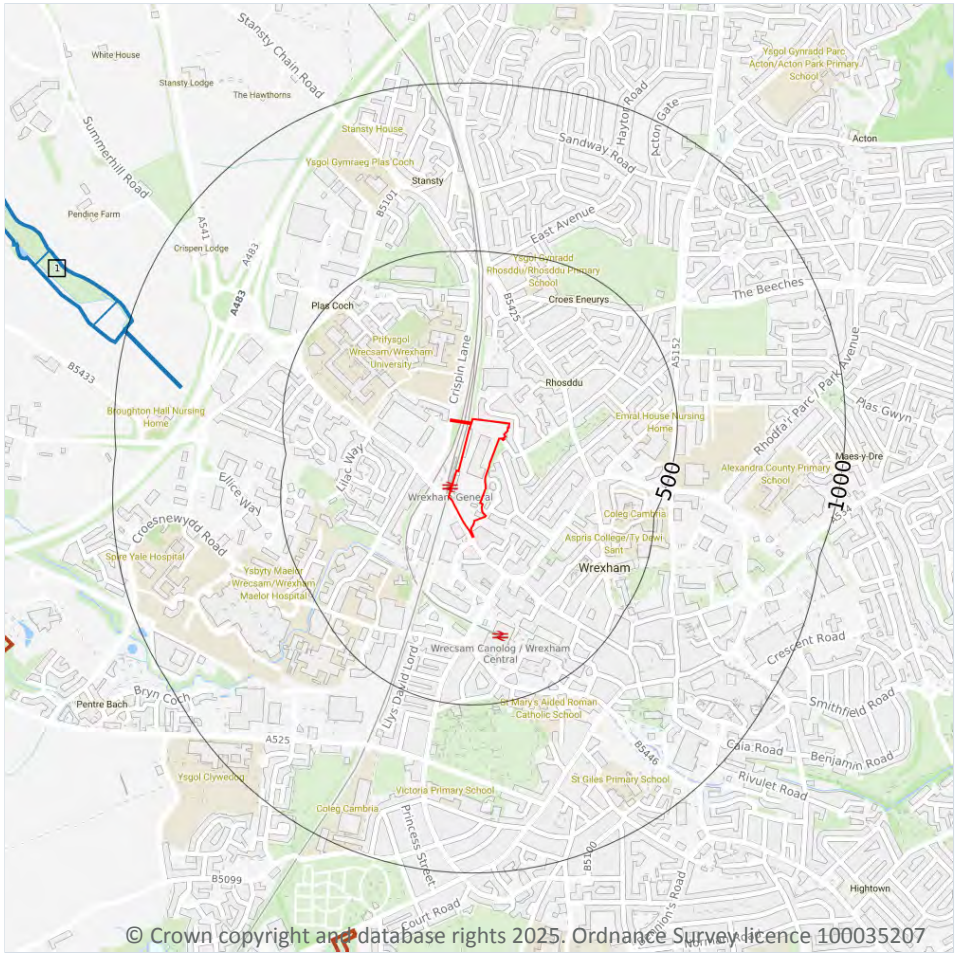
Highest risk on site	**Moderate**
Highest risk within 50m	**Moderate**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 89 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	1

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

Features are displayed on the Environmental designations map on **page 90 >**

ID	Location	Name	Data source
1	811m W	Gatewen Marsh	Natural Resources Wales

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	14

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 90 >**

ID	Location	Name	Woodland Type
2	1224m S	Unknown	Ancient Semi Natural Woodland
3	1371m W	Unknown	Restored Ancient Woodland Site
-	1551m SW	Unknown	Ancient Semi Natural Woodland
-	1677m S	Unknown	Ancient Semi Natural Woodland
-	1743m S	Unknown	Restored Ancient Woodland Site
-	1856m SW	Unknown	Ancient Semi Natural Woodland
-	1893m S	Unknown	Ancient Semi Natural Woodland
-	1908m S	Unknown	Restored Ancient Woodland Site
-	1935m NW	Unknown	Restored Ancient Woodland Site
-	1940m W	Unknown	Restored Ancient Woodland Site
-	1945m S	Unknown	Restored Ancient Woodland Site
-	1972m S	Unknown	Ancient Semi Natural Woodland
-	1980m NW	Unknown	Restored Ancient Woodland Site
-	1996m S	Unknown	Ancient Semi Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

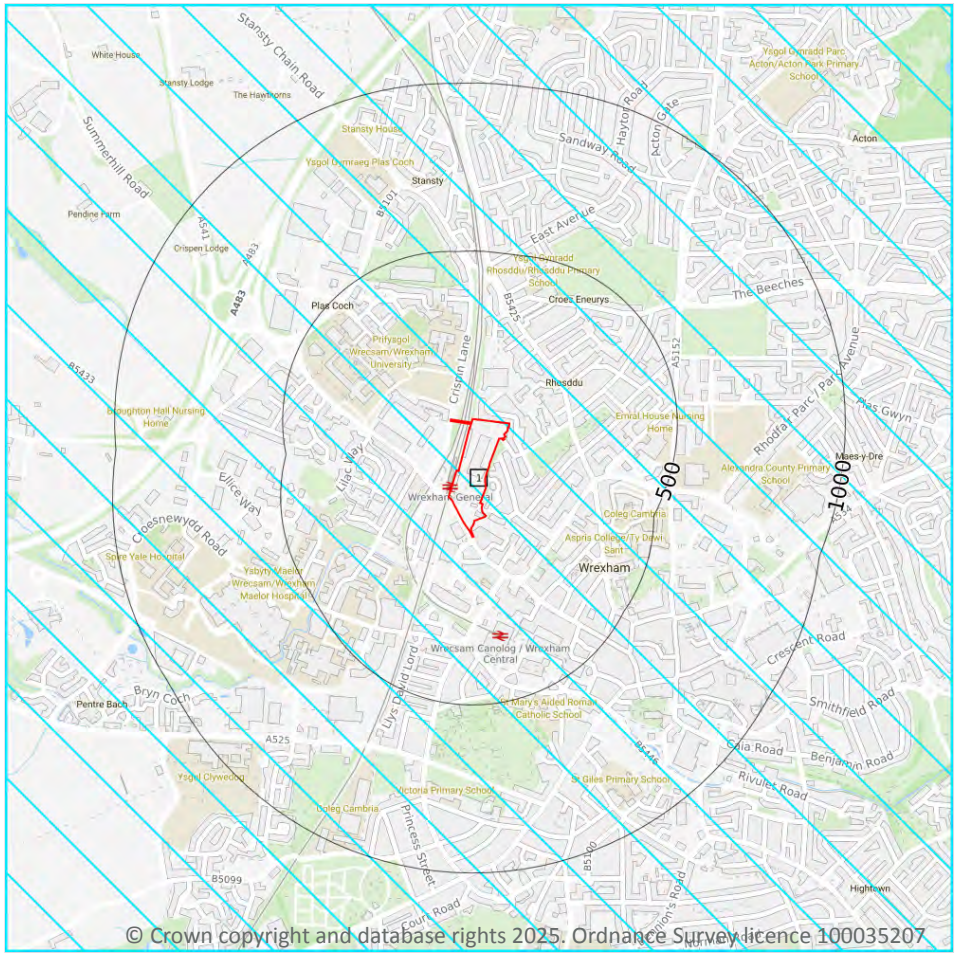
10.16 Nitrate Vulnerable Zones

Records within 2000m	0

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site	1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 95 >**

ID	Location	Type of developments requiring consultation
1	**On site**	**https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0000000630000&notes=&location=328222,346690%20(IRZ%20polygon%20centre)**

This data is sourced from Natural England.

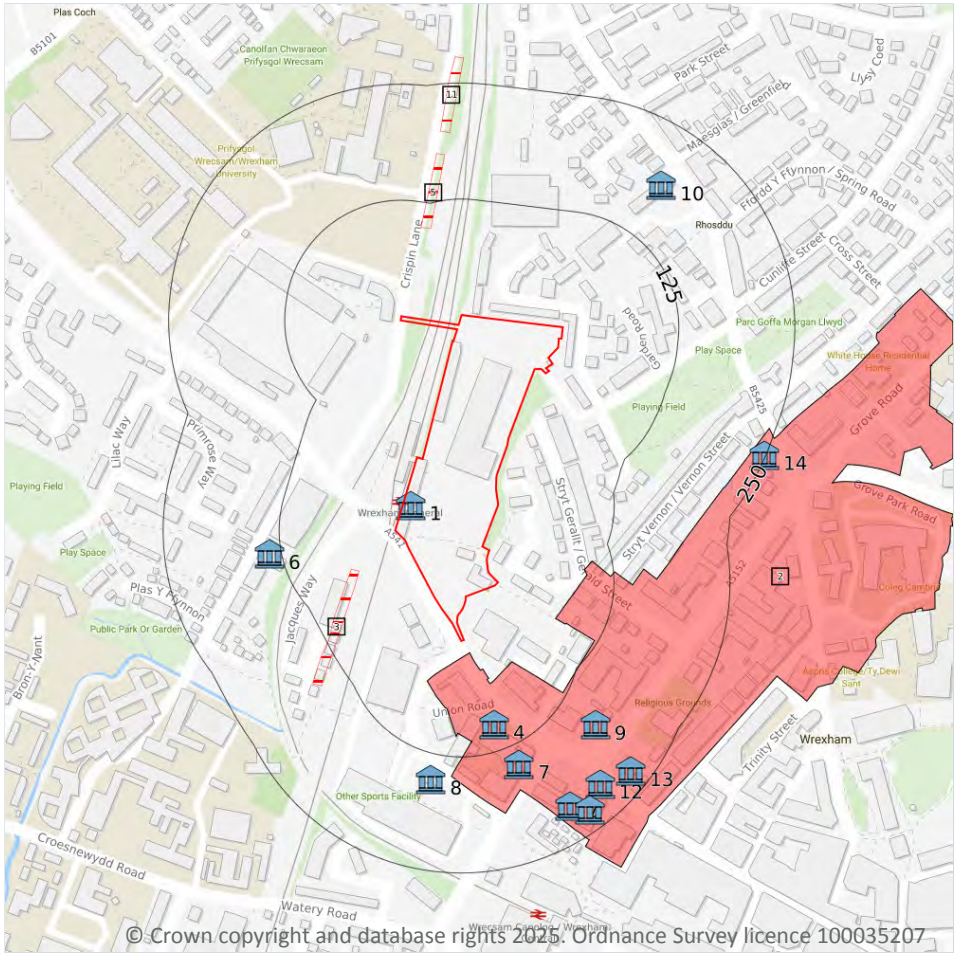
10.18 SSSI Units

Records within 2000m	0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	12

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 97 >**

ID	Location	Name	Grade	Reference Number	Listed date
1	**On site**	**Wrexham General Station: Entrance Building, Close By And Below The A451 Bridge Carrying The Road Nw To Mold.**	**II**	**1855**	**05/09/1986**
4	97m S	Adult Education Centre, University College Of North Wales, Detached House Set Forward To The Right Of The Former Infirmary And Art College Buildings. Union Road Runs Diagonally From Junction At Right Angle.	II	1805	22/03/1990

ID	Location	Name	Grade	Reference Number	Listed date
6	138m W	The Former Mines Rescue Centre, On The E Side Of Maesgwyn Road Approximately 200m South Of The Junction With Regent Street.	II	87623	18/08/2010
7	147m SE	Former Wrexham Infirmary, Prominently Sited On The Corner Of Bradley Road: Left Hand Return Range To Bradley Road Runs S To Central Road.	II	1804	22/03/1990
8	153m S	Offices And Lodge To Wrexham Lager Brewery, At The Entrance To Wrexham Larger Brewery.	II	1765	31/01/1994
9	169m SE	1 Grosvenor Road, Prominently Sited At The Corner With Regent Street, Opposite The Rc Cathedral And With Long Elevation To Regent Street.	II	1830	24/10/1991
10	186m NE	Church Of St James, In A Small Yard, The Apsidal East End Facing The Street.	II	1854	31/01/1994
A	213m SE	Presbytery At Roman Catholic Cathedral, Adjoins The R.C. Cathedral, To Which It Is Linked By A Stone Covered-Way.	II	1803	31/01/1994
12	214m SE	Boundary Wall And Gates To Roman Catholic Cathedral, Forms The Boundary Of The Church Yard With Regent Street To The North Of The Cathedral, The Gates Aligned With The Main West Door.	II	1802	31/01/1994
A	228m SE	Roman Catholic Cathedral Of St Mary, Opposite The Junction With Grosvenor Road.	II	1801	31/01/1994
13	229m SE	2 Grosvenor Road, Prominently Sited On The Corner With Regent Street.	II	1831	31/01/1994
14	249m SE	Abbotsfield Priory Hotel, On The Corner Of Rhosddu Road And Grosvenor Road.	II	1853	31/01/1994

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	**1**

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 97 >**

ID	Location	Name	District	Date of designation
2	15m SE	Grosvenor Road, Wrexham.	Wrexham	26/09/1990

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	**3**

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

Features are displayed on the Visual and cultural designations map on **page 97 >**

ID	Location	Ancient monument name	Reference number
3	59m SW	Wat's Dyke: Section SSW of Wrexham Station, 130m Long	600
5	98m N	Wat's Dyke at Crispin Lane, Wrexham	3946
11	197m N	Wat's Dyke at Crispin Lane, Wrexham	3946

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m	**0**

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations

12.1 Agricultural Land Classification

Records within 250m	0

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

This data is sourced from Natural Resources Wales.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability

14.1 10k Availability

Records within 500m	1

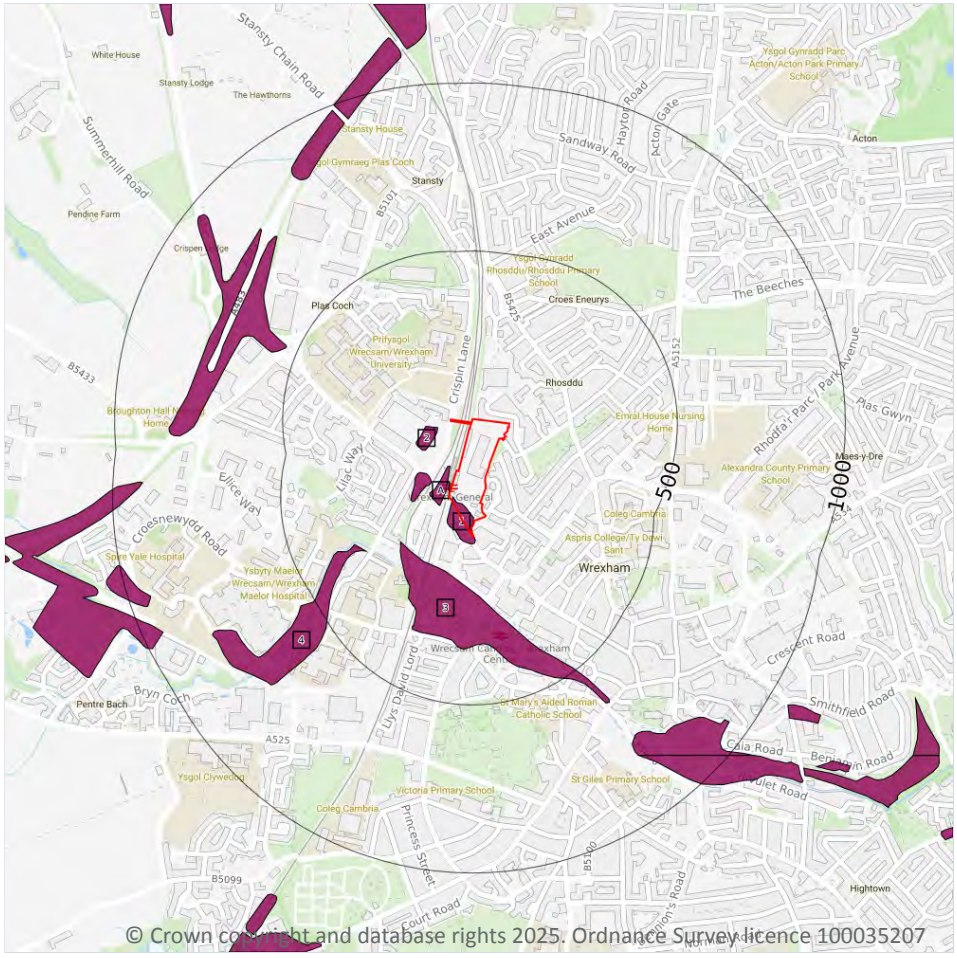
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 104 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**SJ35SW**

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	6

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

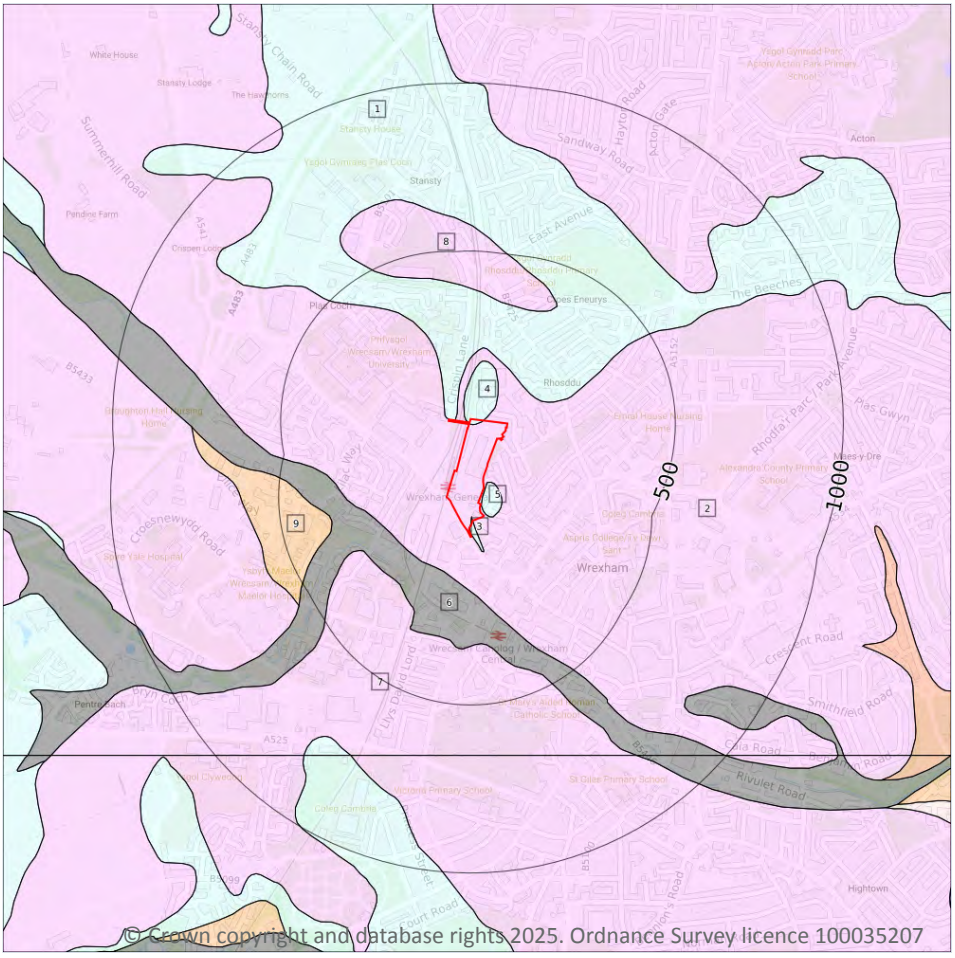
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 105 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
A	12m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	44m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	62m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

ID	Location	LEX Code	Description	Rock description
3	130m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	295m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m **9**

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 107 >**

ID	Location	LEX Code	Description	Rock description
1	On site	TILL-DMTN	Till - Diamicton	Diamicton
2	On site	GFDU-XSV	Glaciofluvial Deposits - Sand And Gravel	Sand And Gravel
3	On site	TILL-DMTN	Till - Diamicton	Diamicton
4	On site	TILL-DMTN	Till - Diamicton	Diamicton

ID	Location	LEX Code	Description	Rock description
5	3m E	TILL-DMTN	Till - Diamicton	Diamicton
6	130m SW	ALV-C	Alluvium - Clay (unlithified Deposits Coding Scheme)	Clay
7	253m SW	GFDU-XSV	Glaciofluvial Deposits - Sand And Gravel	Sand And Gravel
8	343m N	GFDU-XSV	Glaciofluvial Deposits - Sand And Gravel	Sand And Gravel
9	349m W	RTDU-XSV	River Terrace Deposits (undifferentiated) - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

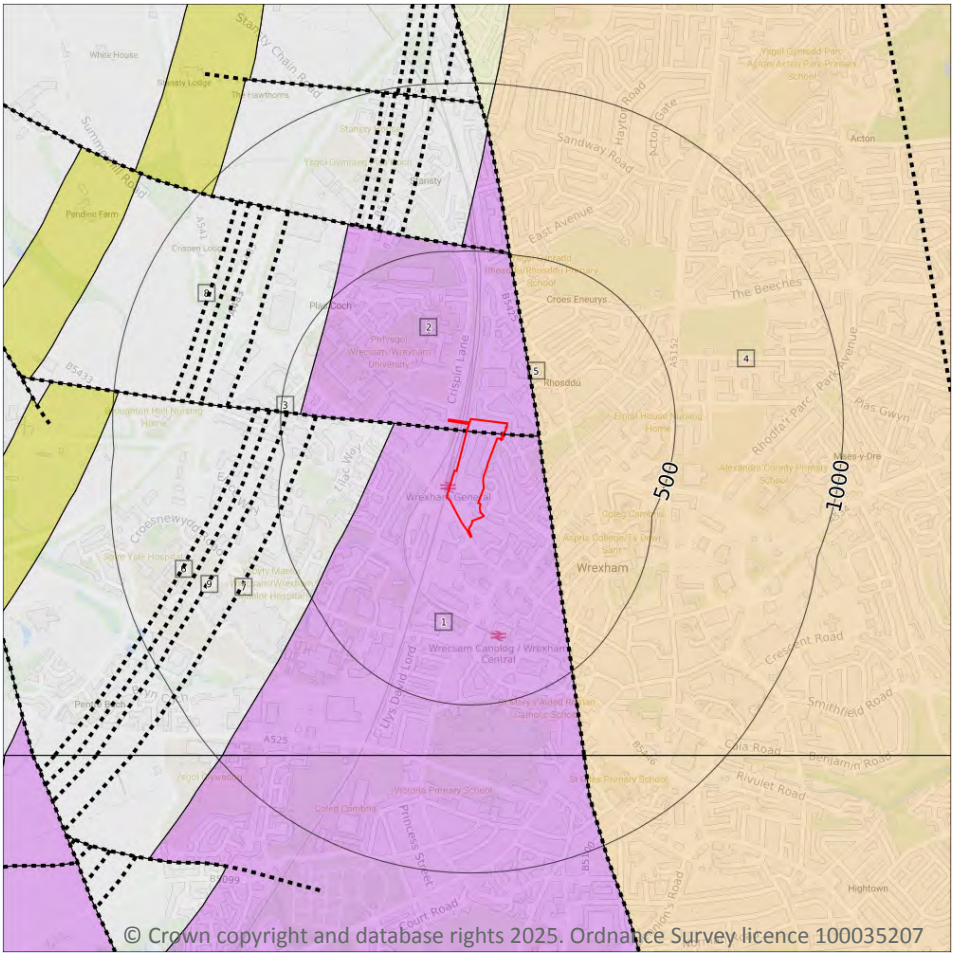
14.4 Landslip (10k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m	5

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 109 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**ETM-MDST**	**Etruria Formation - Mudstone**	**Westphalian Age**
2	**On site**	**ETM-MDST**	**Etruria Formation - Mudstone**	**Westphalian Age**
4	90m E	SAL-MDSC	Salop Formation - Mudstone, Sandstone And Conglomerate	Cisuralian Epoch - Westphalian D Sub-age

ID	Location	LEX Code	Description	Rock age
6	162m W	PLMC-MDSS	Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (undifferentiated) - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Langsettian Sub-age
8	431m W	PLMC-MDSS	Pennine Lower Coal Measures Formation And Pennine Middle Coal Measures Formation (undifferentiated) - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Langsettian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**4**

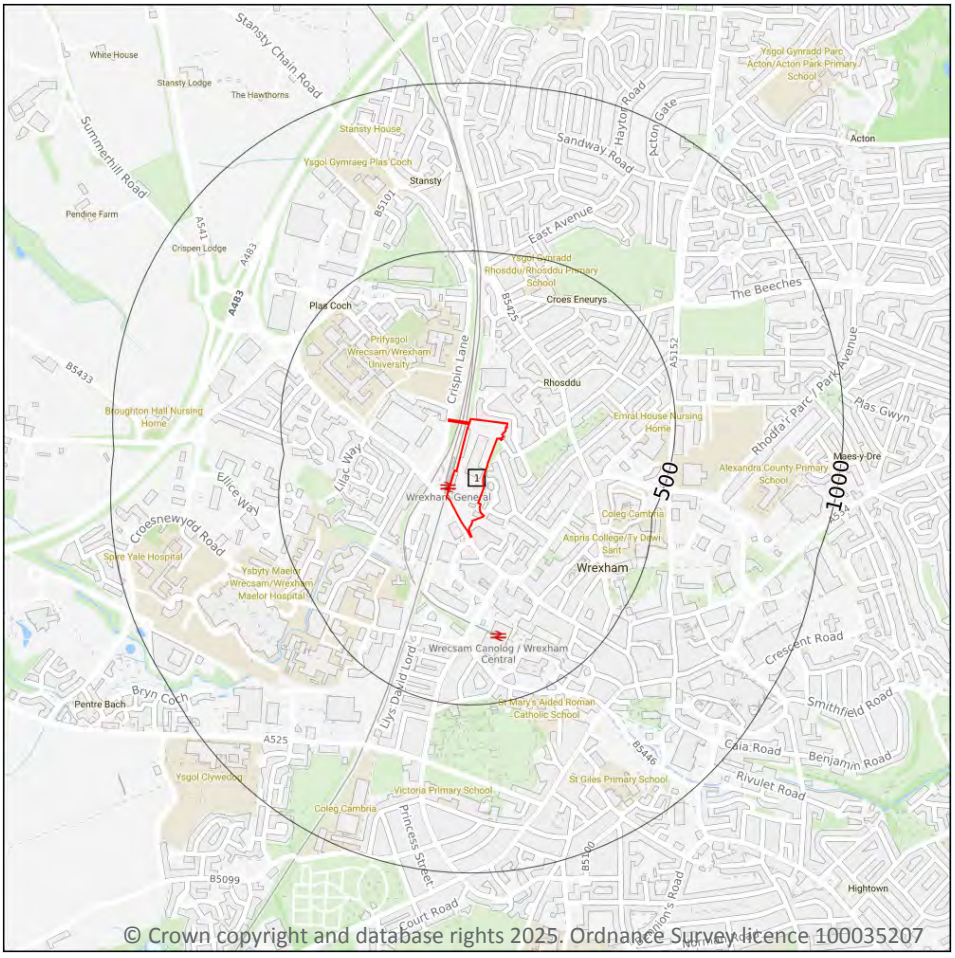
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 109 >**

ID	Location	Category	Description
3	**On site**	**FAULT**	**Normal fault, inferred**
5	90m E	FAULT	Normal fault, inferred
7	395m W	ROCK	Coal seam, inferred
9	481m W	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme. Where 50k data is not available, this area has been filled in with 625k scale data.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 111 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW121_wrexham_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

Site Outline

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m	3

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 112 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**MADE GROUND (UNDIVIDED)**	**ARTIFICIAL DEPOSIT**
2	123m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
3	290m SW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

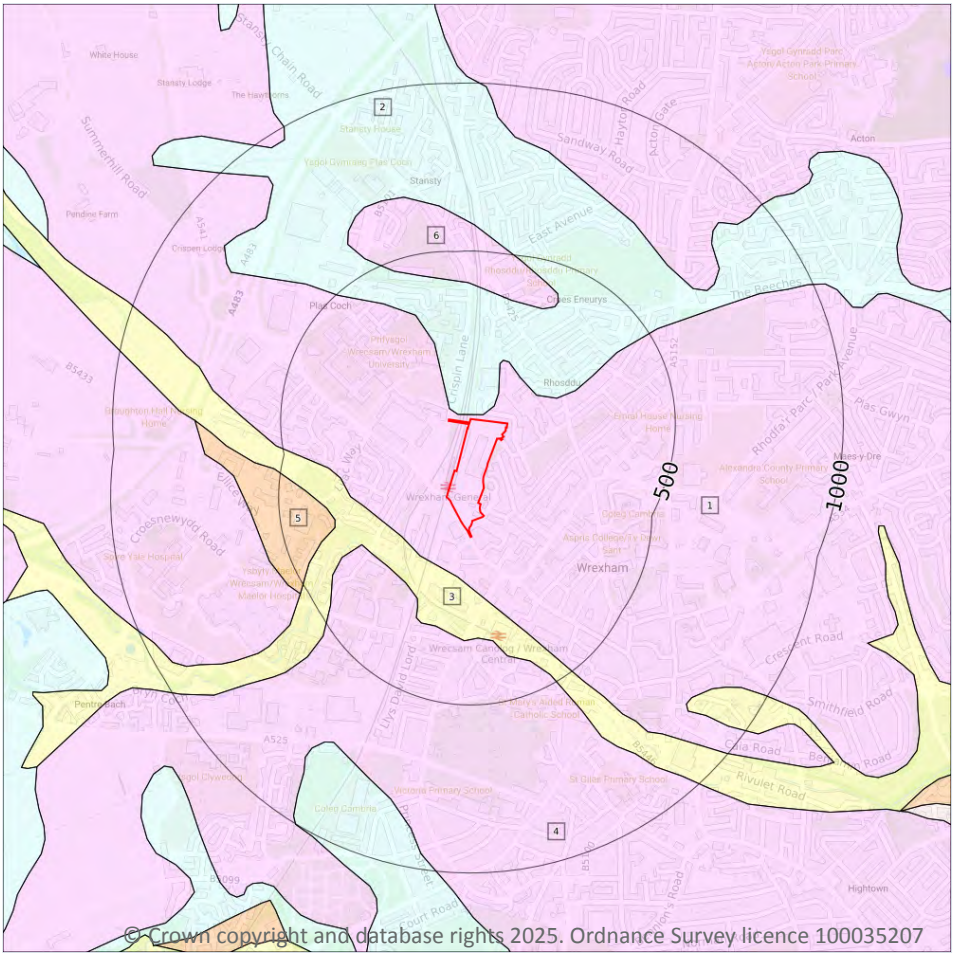
Records within 50m	**1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**Very High**	**Low**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m **6**

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 114 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**GFSDD-XSV**	**GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN**	**SAND AND GRAVEL**
2	13m N	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
3	123m SW	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
4	236m SW	GFSDD-XSV	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
5	339m W	RTDU-XSV	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND AND GRAVEL
6	357m N	GFSDD-XSV	GLACIOFLUVIAL SHEET DEPOSITS, DEVENSIAN	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Intergranular**	**Very High**	**High**
13m N	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

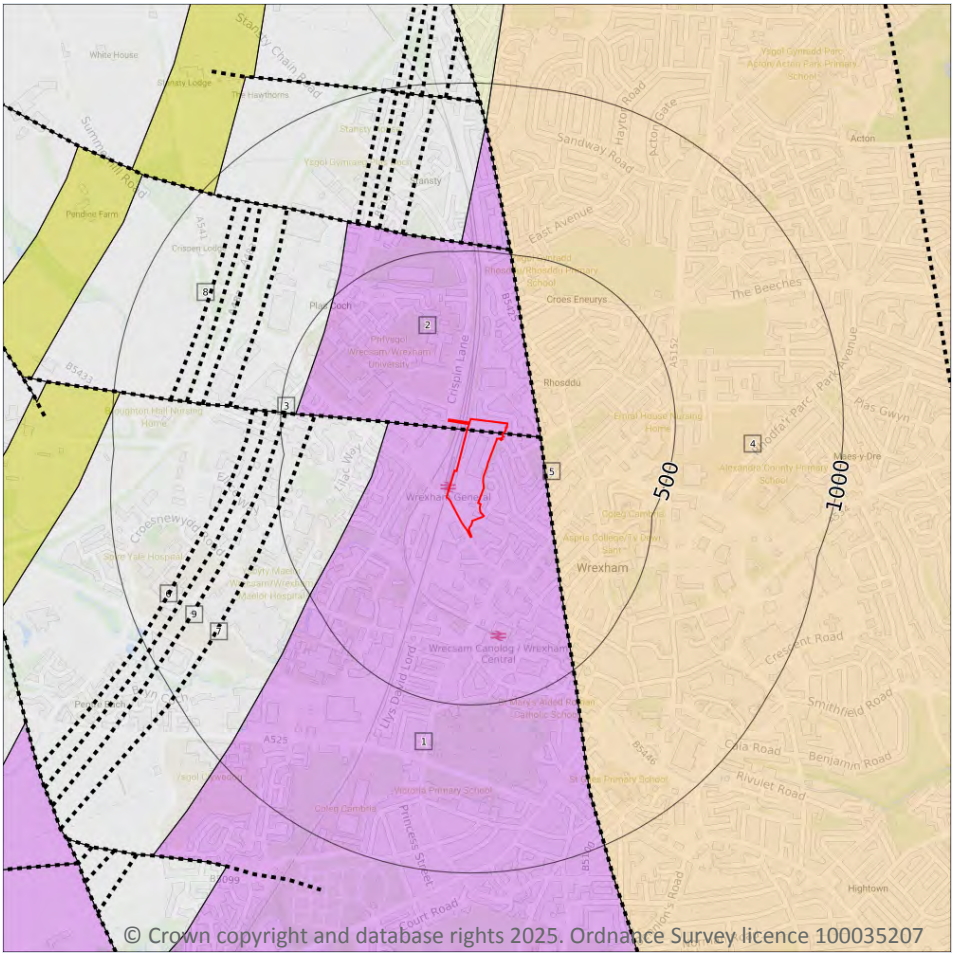
15.7 Landslip permeability (50k)

Records within 50m	**0**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **5**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 116 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**ETM-MDST**	**ETRURIA FORMATION - MUDSTONE**	**WESTPHALIAN**
2	**On site**	**ETM-MDST**	**ETRURIA FORMATION - MUDSTONE**	**WESTPHALIAN**
4	91m E	SAL-MDSC	SALOP FORMATION - MUDSTONE, SANDSTONE AND CONGLOMERATE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
6	179m W	PLMC-MDSS	PENNINE LOWER COAL MEASURES FORMATION AND PENNINE MIDDLE COAL MEASURES FORMATION (UNDIFFERENTIATED) - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	436m W	PLMC-MDSS	PENNINE LOWER COAL MEASURES FORMATION AND PENNINE MIDDLE COAL MEASURES FORMATION (UNDIFFERENTIATED) - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**1**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Low**	**Low**

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**4**

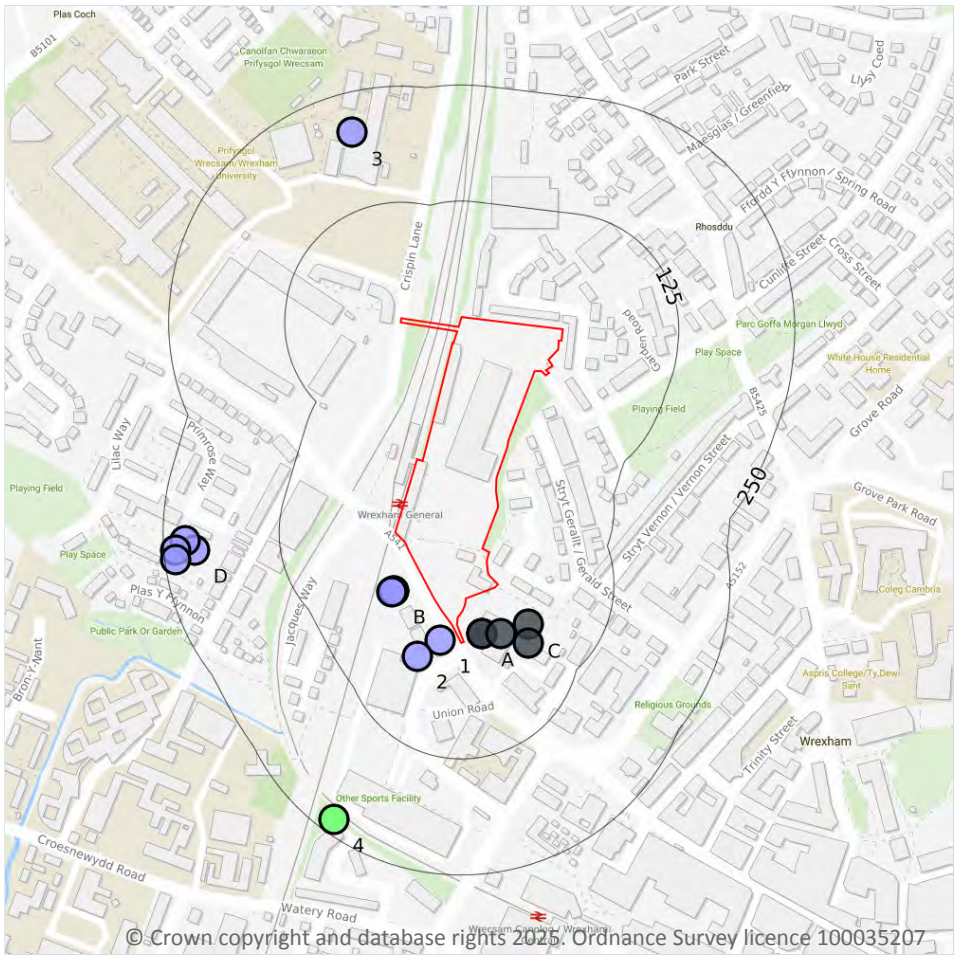
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 116 >**

ID	Location	Category	Description
3	**On site**	**FAULT**	**Fault, inferred, displacement unknown**
5	91m E	FAULT	Fault, inferred, displacement unknown
7	399m W	ROCK	Coal seam, inferred
9	486m W	ROCK	Coal seam, inferred

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m	16

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

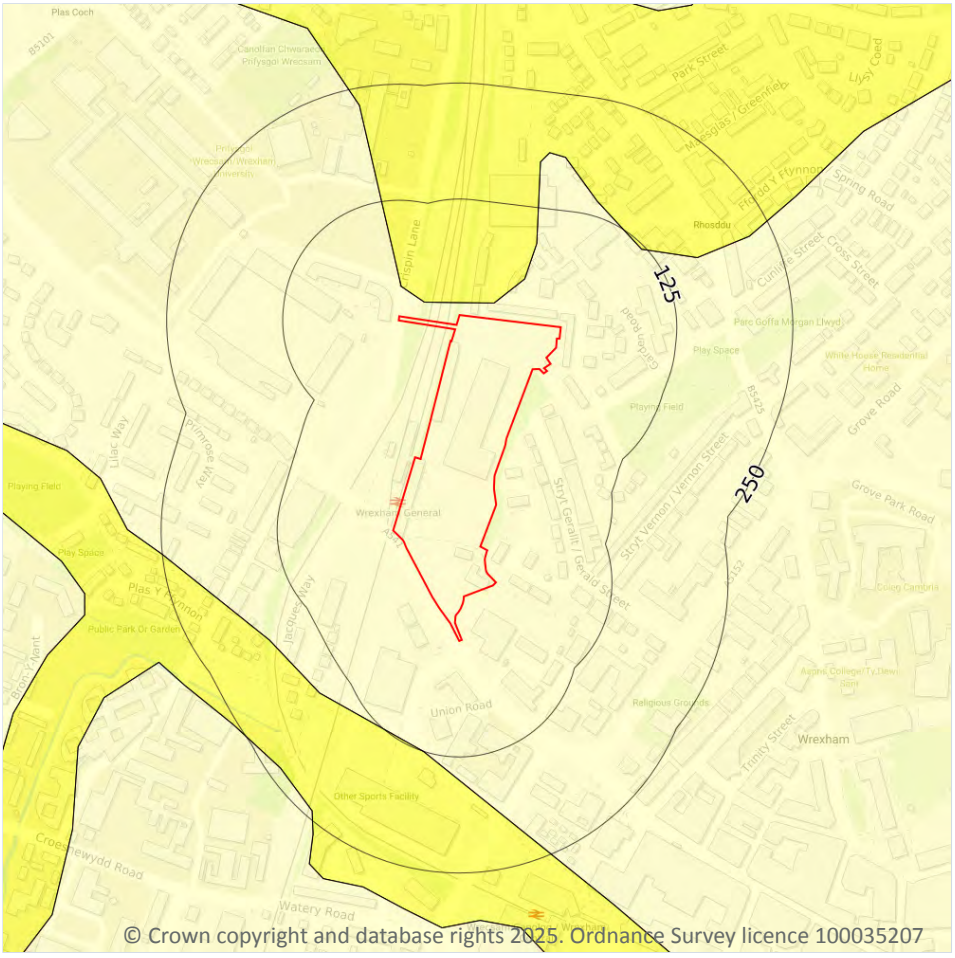
Features are displayed on the Boreholes map on **page 118 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	19m SW	332995 350653	KIRBY'S OF WREXHAM 3	4.5	N	17565374 ↗
A	22m E	333040 350660	WREXHAM POST OFFICE SORTING OFFICE 1	-	Y	N/A

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	22m E	333040 350660	WREXHAM POST OFFICE SORTING OFFICE 2	-	Y	N/A
B	34m SW	332945 350706	KIRBY'S OF WREXHAM 1	4.5	N	17565371 ↗
B	34m SW	332945 350706	KIRBY'S OF WREXHAM 2	1.8	N	17565372 ↗
B	37m SW	332943 350705	KIRBY'S OF WREXHAM 2A	5.0	N	17565373 ↗
A	41m E	333060 350660	WREXHAM POST OFFICE SORTING OFFICE 3	-	Y	N/A
2	49m SW	332970 350636	KIRBY'S OF WREXHAM 4	4.5	N	17565375 ↗
C	54m SE	333090 350670	WREXHAM POST OFFICE SORTING OFFICE 5	-	Y	N/A
C	70m E	333090 350650	WREXHAM POST OFFICE SORTING OFFICE 4	-	Y	N/A
3	207m N	332900 351200	YALE SCHOOL WREXHAM	9.14	N	155875 ↗
D	217m W	332730 350750	WREXHAM, MAESGWYN 13	3.66	N	155612 ↗
D	227m W	332720 350760	WREXHAM, MAESGWYN 12	3.66	N	155611 ↗
4	235m SW	332880 350460	DUSSEK BROS WREXHAM	13.14	N	155865 ↗
D	237m W	332710 350750	WREXHAM, MAESGWYN 11	3.66	N	155610 ↗
D	238m W	332710 350740	WREXHAM, MAESGWYN 10	4.26	N	155609 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	2

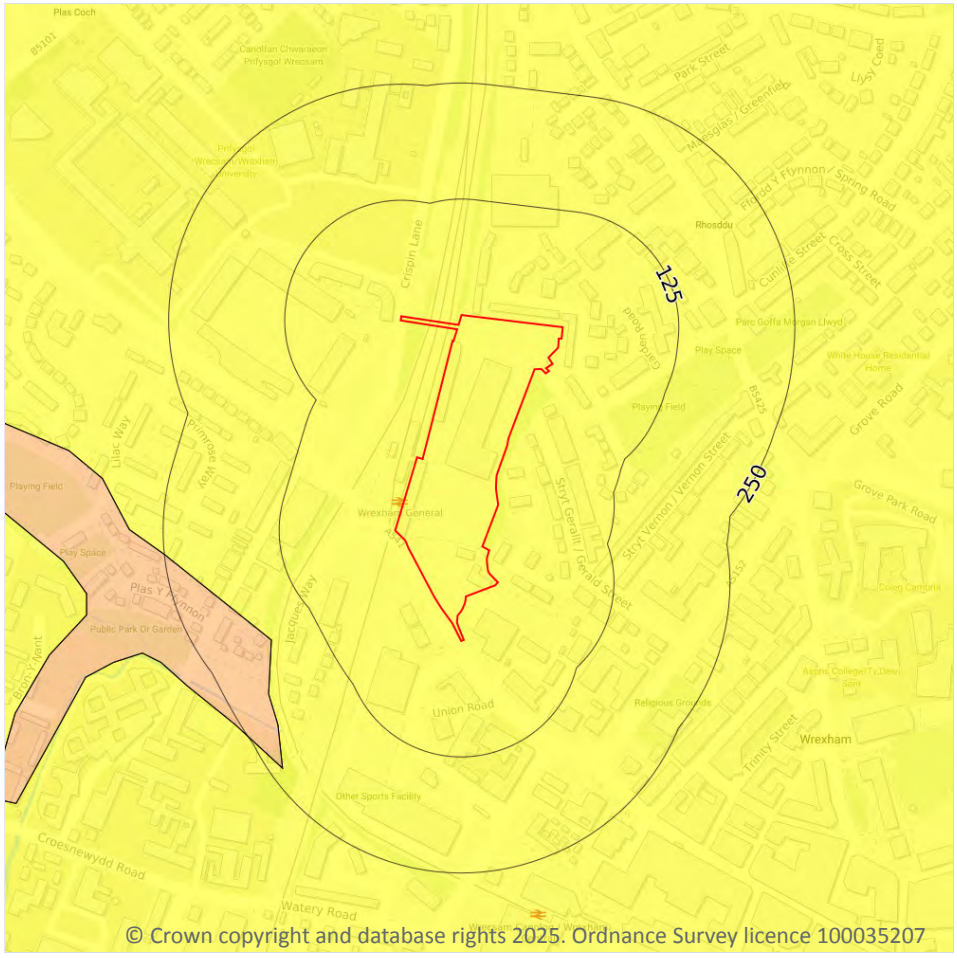
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 120 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
13m N	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	1

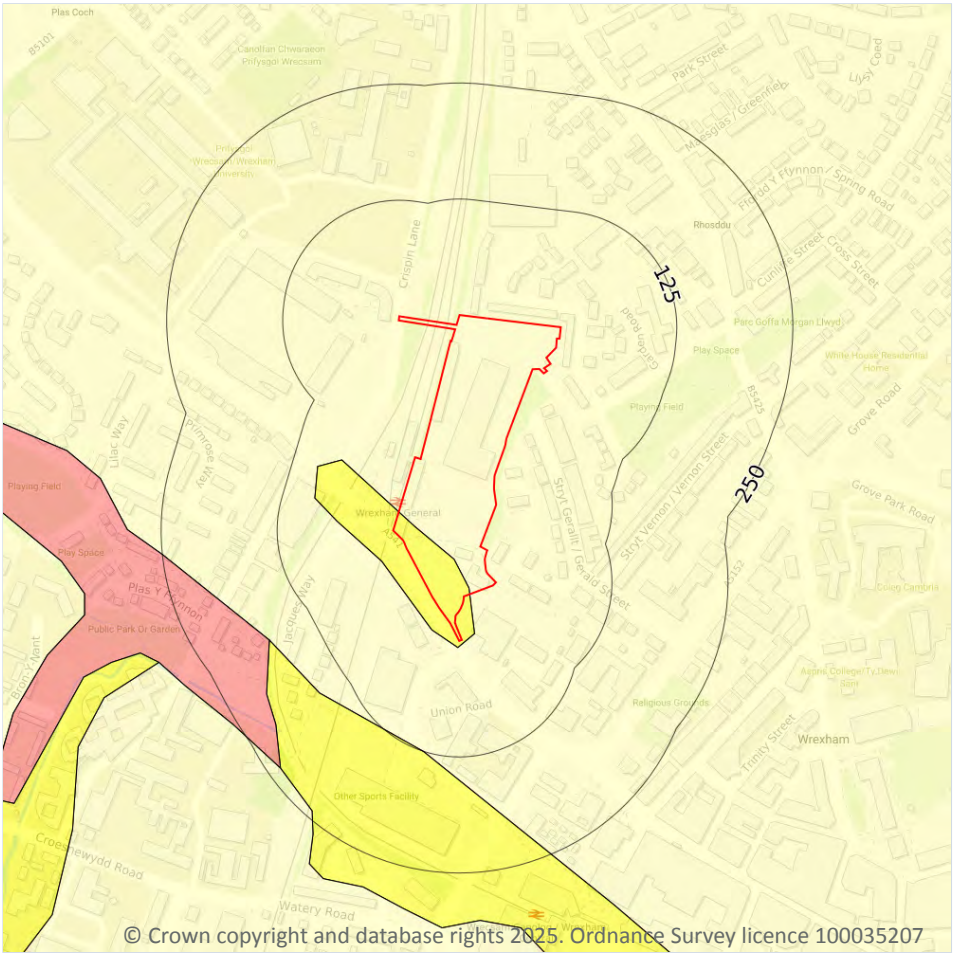
The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

Features are displayed on the Natural ground subsidence - Running sands map on **page 121 >**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

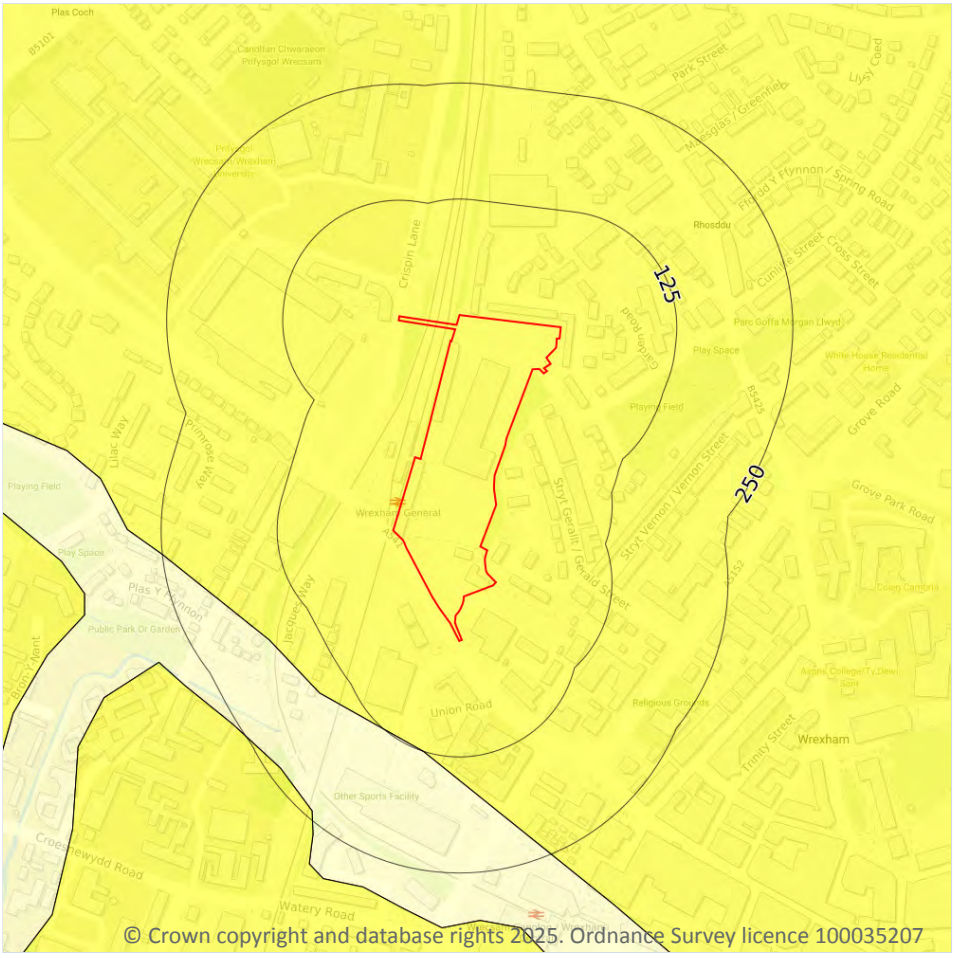
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 122 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
On site	**Very low**	**Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	1

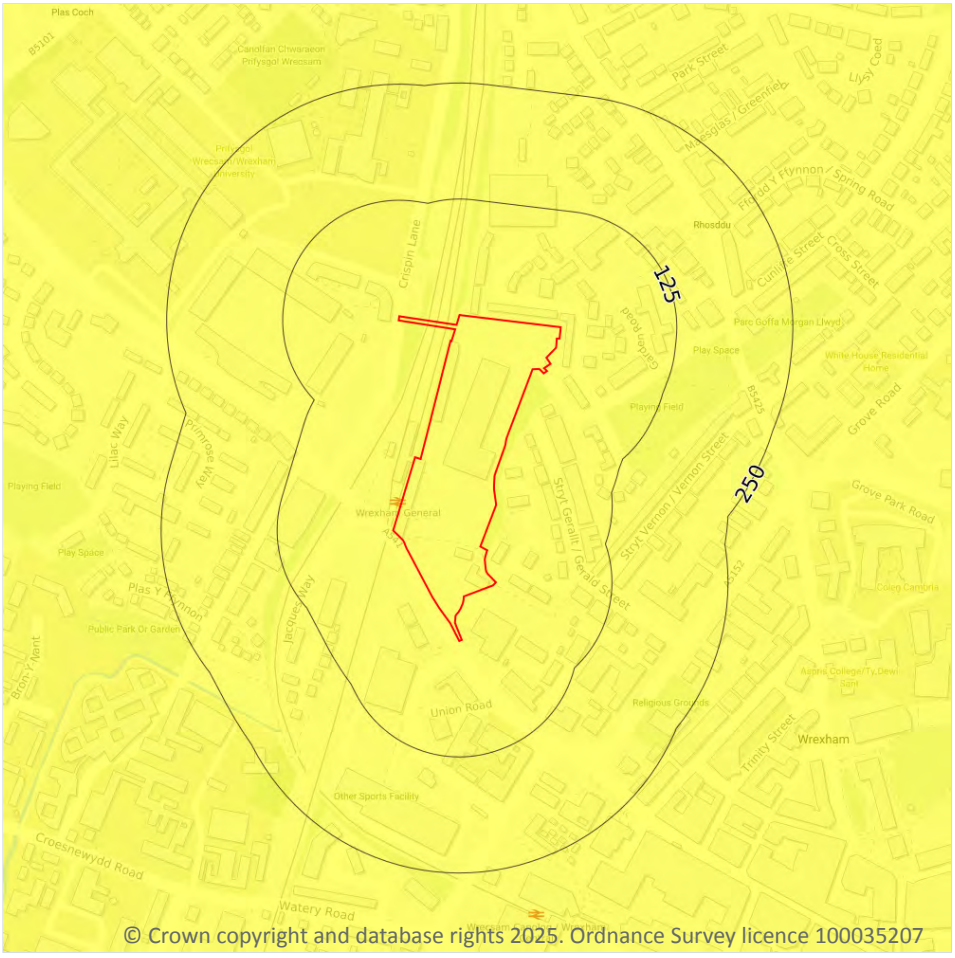
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 124 >**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 125 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks

Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

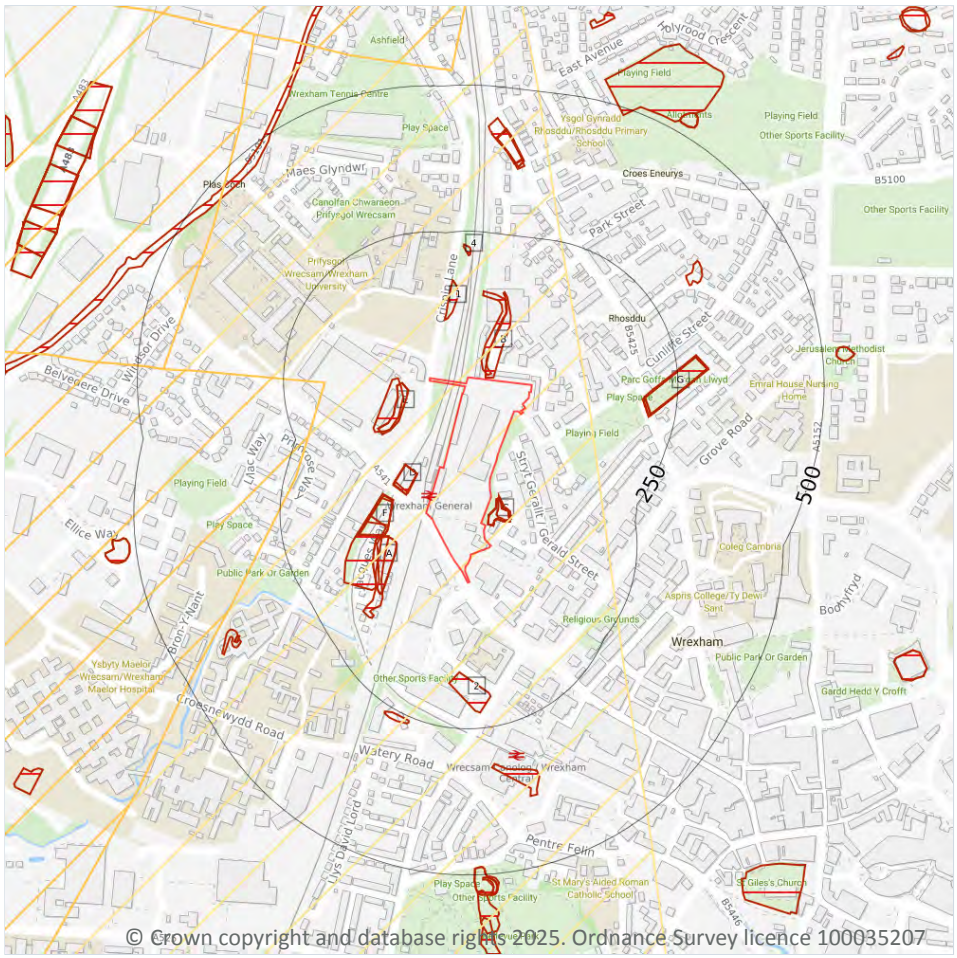
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 126 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



18.1 BritPits

Records within 500m	0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	30

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 128 >**

ID	Location	Land Use	Year of mapping	Mapping scale
B	3m N	Pond	1872	1:10560
C	5m NE	Pond	1989	1:10000
C	5m NE	Pond	1980	1:10000
C	5m NE	Pond	1974	1:10000
C	5m NE	Pond	1985	1:10000
C	5m NE	Pond	1964	1:10560
B	8m N	Unspecified Ground Workings	1909	1:10560
C	13m E	Pond	1992	1:10000
D	34m W	Cuttings	1974	1:10000
D	34m W	Cuttings	1980	1:10000
D	34m W	Cuttings	1964	1:10560
E	40m SW	Unspecified Ground Workings	1980	1:10000
E	40m SW	Unspecified Ground Workings	1974	1:10000
E	50m W	Unspecified Heap	1964	1:10560
F	59m W	Cuttings	1938	1:10560
F	60m W	Cuttings	1938	1:10560
F	60m W	Cuttings	1949	1:10560
A	72m SW	Unspecified Pit	1938	1:10560
A	72m SW	Unspecified Pit	1949	1:10560
A	72m W	Cuttings	1964	1:10560
A	75m SW	Unspecified Ground Workings	1898	1:10560
1	102m N	Unspecified Heap	1872	1:10560
2	154m S	Unspecified Pit	1964	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
G	192m E	Disused Cemetery	1938	1:10560
G	192m E	Disused Cemetery	1949	1:10560
G	192m E	Disused Cemetery	1898	1:10560
G	192m E	Cemetery	1872	1:10560
G	194m E	Disused Cemetery	1938	1:10560
G	194m E	Disused Cemetery	1909	1:10560
4	209m N	Unspecified Heap	1872	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	9

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on **page 128 >**

ID	Location	Name	Commodity	Class	Likelihood
A	**On site**	**Not available**	**Vein Mineral**	**A**	**Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.**
3	179m W	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
8	436m W	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
11	526m N	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	650m S	Not available	Vein Mineral	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	944m N	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	967m NW	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

ID	Location	Name	Commodity	Class	Likelihood
-	981m W	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	981m SW	Not available	Iron Ore (Bedded)	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	1

Areas which could be affected by past, current or future coal mining.

Location	Details
On site	**The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.**

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

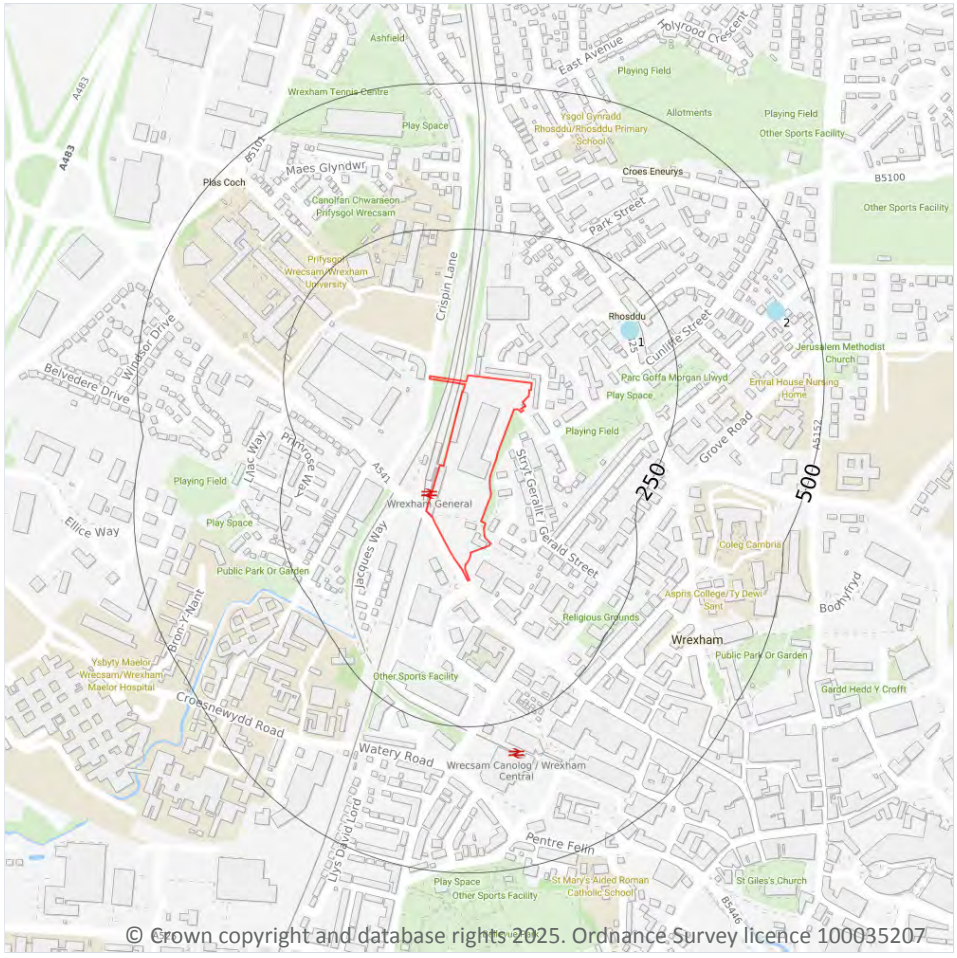
18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes



19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	2

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

Features are displayed on the Ground cavities and sinkholes map on **page 135 >**

ID	Location	Name	Date	Cause	Estimated diameter	Description	Accuracy
1	191m NE	Rhosddu Road, Wrexham ↗	02/06/2021	Unknown	0.5m	Sink hole appeared on Rhosddu Road, the council were quick to patch up the hole but continued to sink thoughtout the day.	5m
2	435m E	Foster Road, Wrexham ↗	29/07/2024	Unclassified	Unknown	Repair works are taking place after a sinkhole emerged.	100m

This data is sourced from Groundsure.

19.4 Historical incidents

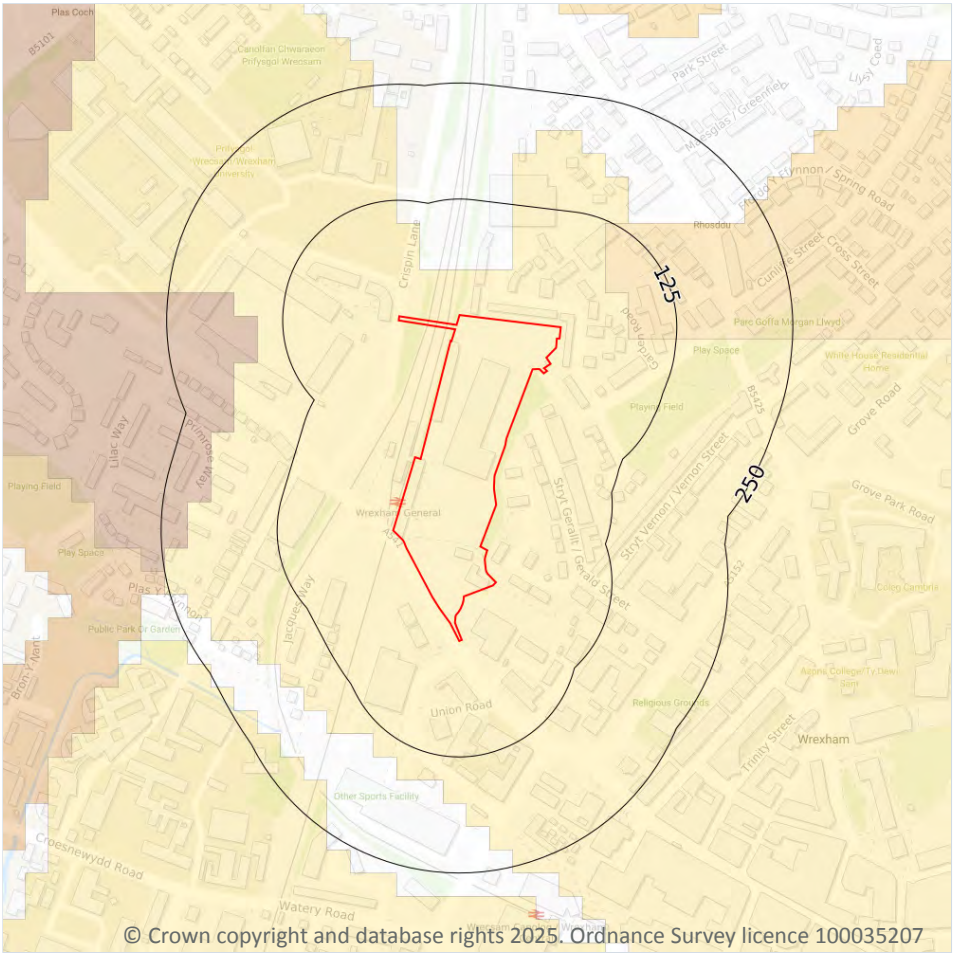
Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

20 Radon



20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 137 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 1% and 3%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m **12**

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
7m N	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
13m N	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
19m N	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
22m N	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

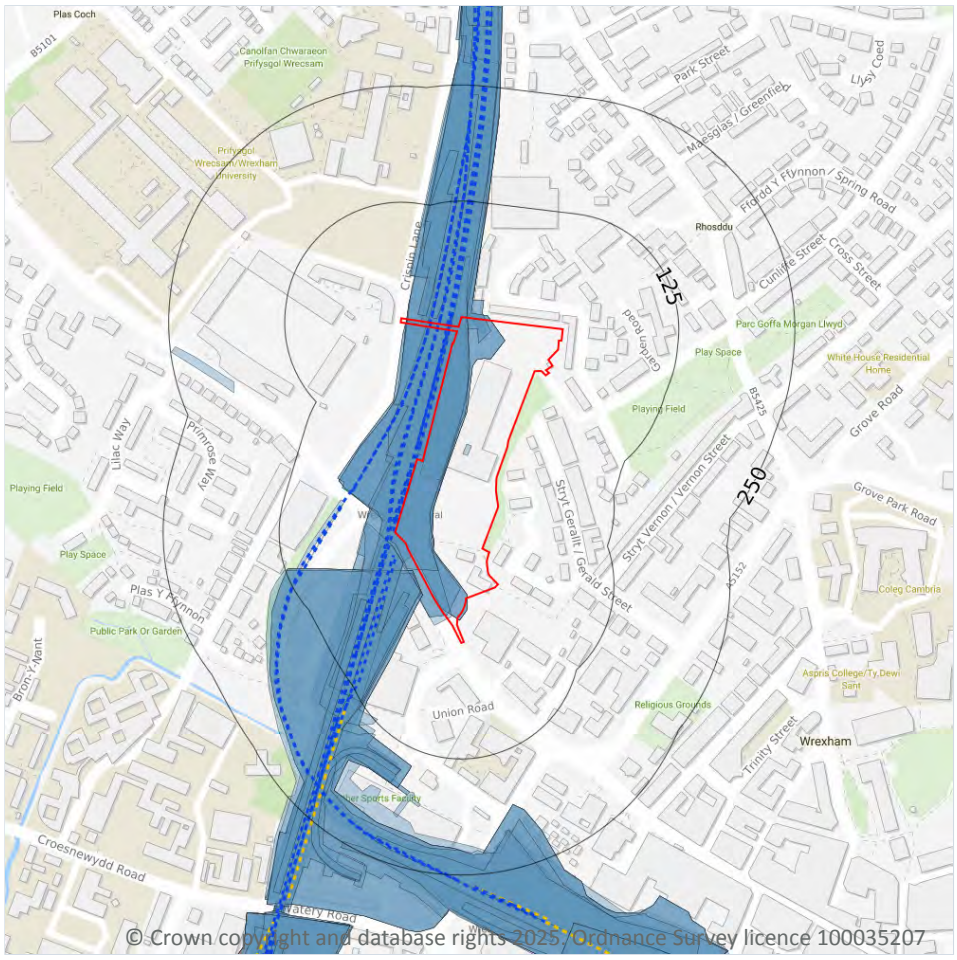
21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	81

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

Features are displayed on the Railway infrastructure and projects map on **page 141 >**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1899**	**2500**
On site	**Railway Sidings**	**1912**	**2500**
On site	**Railway Sidings**	**1937**	**2500**
On site	**Railway Sidings**	**1957**	**1250**
On site	**Railway Sidings**	**1970**	**1250**
On site	**Railway Sidings**	**1968**	**1250**
On site	**Railway Sidings**	**1958**	**1250**
On site	**Railway Sidings**	**1960**	**2500**
On site	**Railway Sidings**	**1978**	**1250**
On site	**Railway Sidings**	**1982**	**1250**
On site	**Railway Sidings**	**1988**	**1250**
On site	**Railway**	**1872**	**-**
On site	**Railway Sidings**	**1872**	**10560**
On site	**Railway Sidings**	**1938**	**10560**
On site	**Railway Sidings**	**1949**	**10560**
On site	**Railway Sidings**	**1898**	**10560**
On site	**Railway Sidings**	**1989**	**10000**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1992**	**10000**
On site	**Railway Sidings**	**1980**	**10000**
On site	**Railway Sidings**	**1974**	**10000**
On site	**Railway Sidings**	**1985**	**10000**
On site	**Railway Sidings**	**1964**	**10560**
On site	**Railway Sidings**	**1909**	**10560**
1m W	Railway Sidings	1978	1250
1m W	Railway Sidings	1968	1250
1m W	Railway Sidings	1970	1250
2m N	Railway Sidings	1978	1250
2m N	Railway Sidings	1960	2500
3m N	Railway Sidings	1957	1250
5m N	Railway Sidings	1909	10560
6m N	Railway Sidings	1909	10560
6m SW	Railway Sidings	1938	10560
6m SW	Railway Sidings	1949	10560
6m SW	Railway Sidings	1898	10560
8m SW	Railway Sidings	1938	10560
9m SW	Railway Sidings	1872	10560
12m SW	Railway Sidings	1992	10000
12m SW	Railway Sidings	1960	2500
12m SW	Railway Sidings	1978	1250
14m SW	Railway Sidings	1937	2500
15m SW	Railway Sidings	1992	1250
15m SW	Railway Sidings	1957	1250
15m W	Railway Sidings	1978	1250
15m W	Railway Sidings	1982	1250
15m W	Railway Sidings	1988	1250

Location	Land Use	Year of mapping	Mapping scale
15m SW	Railway Sidings	1970	1250
15m SW	Railway Sidings	1989	1250
21m SW	Railway Sidings	1899	2500
21m SW	Railway Sidings	1910	10560
23m SW	Railway Sidings	1873	2500
24m SW	Railway Sidings	1957	1250
24m SW	Railway Sidings	1899	2500
25m SW	Railway Sidings	1937	2500
25m SW	Railway Sidings	1912	2500
29m SW	Railway Sidings	1937	2500
39m N	Railway Sidings	1973	1250
39m N	Railway Sidings	1958	1250
55m N	Railway Sidings	1975	1250
55m N	Railway Sidings	1957	1250
55m N	Railway Sidings	1968	1250
56m N	Railway Sidings	1988	1250
62m W	Railway Sidings	1978	1250
65m SW	Railway Sidings	1910	10560
101m N	Railway Sidings	1973	1250
101m N	Railway Sidings	1958	1250
150m SW	Railway Sidings	1910	10560
191m W	Tramway Sidings	1912	2500
207m S	Railway Sidings	1910	10560
208m S	Railway Sidings	1958	1250
210m SW	Railway Sidings	1996	1250
210m SW	Railway Sidings	1957	1250
210m SW	Railway Sidings	1963	1250
210m SW	Railway Sidings	1970	1250

Location	Land Use	Year of mapping	Mapping scale
211m SW	Railway Sidings	1989	1250
211m SW	Railway Sidings	1989	1250
211m SW	Railway Sidings	1977	-
213m SW	Railway Sidings	1957	1250
223m S	Railway Sidings	1963	1250
238m S	Railway Sidings	1968	1250
244m SW	Railway Sidings	1910	10560
245m SW	Railway	1873	-

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	3

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

Features are displayed on the Railway infrastructure and projects map on **page 141 >**

Location	Description
143m SW	Abandoned
207m SW	Abandoned
227m SW	Abandoned

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	43

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

Features are displayed on the Railway infrastructure and projects map on **page 141 >**

Location	Name	Type
On site		**rail**
On site	**Shrewsbury to Chester Line**	**rail**
On site	**Borderlands Line**	**rail**
On site	**Shrewsbury to Chester Line**	**rail**
On site	**Not given**	**Single Track**
On site	**Not given**	**Single Track**
On site	**Not given**	**Single Track**
On site	**Not given**	**Multi Track**
On site	**Not given**	**Multi Track**
1m W	Shrewsbury to Chester Line	rail
3m W	Not given	Multi Track
3m W	Not given	Multi Track
4m W	Shrewsbury to Chester Line	rail
6m N	Not given	Single Track
6m N	Not given	Multi Track
8m W	Not given	Single Track
9m N	Not given	Multi Track
14m SW	Not given	Multi Track
17m W		rail
17m SW		rail
20m W	Not given	Single Track
56m W	Not given	Single Track
63m W	Not given	Single Track
95m N	Not given	Single Track

Location	Name	Type
104m SW	Not given	Multi Track
158m SW	Not given	Multi Track
172m N	Not given	Single Track
184m SW	Not given	Single Track
205m N	Not given	Multi Track
210m SW	Shrewsbury to Chester Line	rail
211m SW	Shrewsbury to Chester Line	rail
213m N		rail
214m SW	Not given	Multi Track
214m SW	Not given	Single Track
221m SW	Not given	Single Track
226m SW	Not given	Single Track
227m SW	Not given	Multi Track
228m SW	Shrewsbury to Chester Line	rail
229m SW	Shrewsbury to Chester Line	rail
229m SW	Not given	Single Track
239m S	Not given	Single Track
241m N	Bidston to Wrexham Line	rail
241m N		rail

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.

Appendix D

Consultants Coal Mining Report

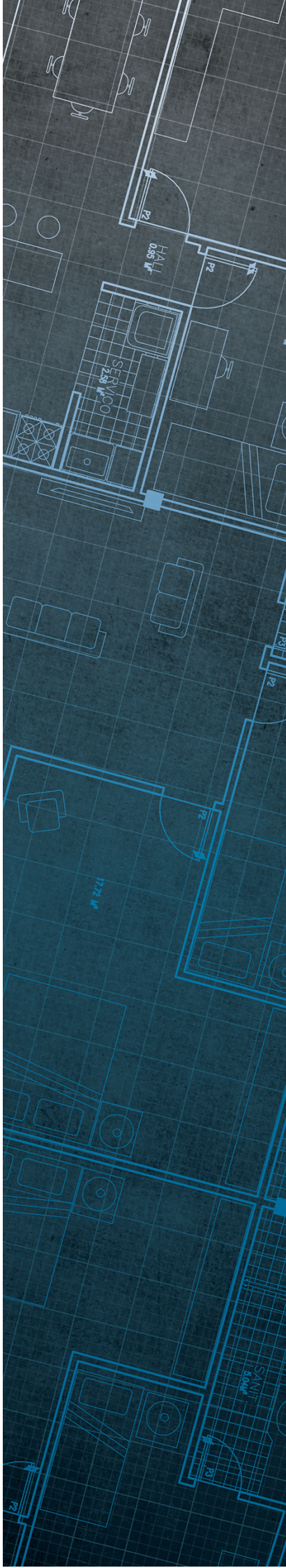
The Coal Authority

Consultants

Coal Mining Report

Wrexham General Latest
Wrexham

Date of enquiry:	**3 July 2025**
Date enquiry received:	**3 July 2025**
Issue date:	**3 July 2025**
Our reference:	**51003509473001**
Your reference:	**GS-BKP-Y8K-2Q8-IAR**



Consultants

Coal Mining Report

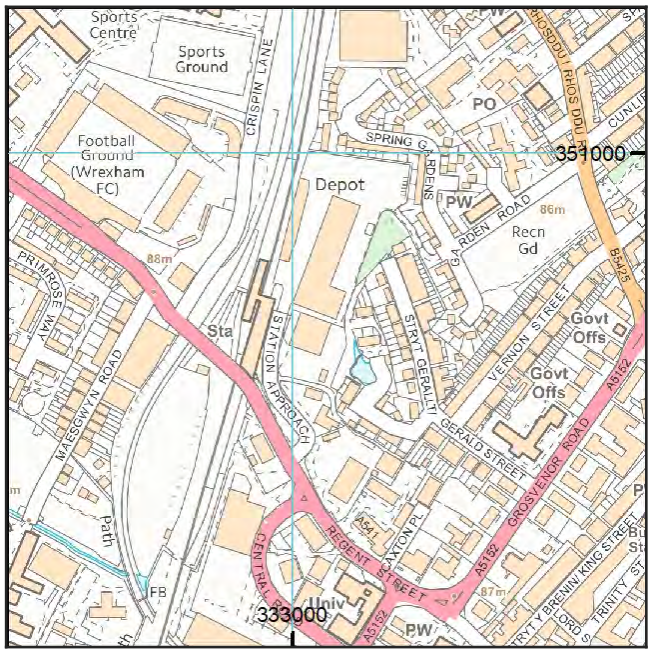
This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

GROUNDSURE LIMITED

Enquiry address

Wrexham General Latest
Wrexham



Approximate position of property

How to contact us

0345 762 6848 (UK)
+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

@coalauthority
/company/the-coal-authority
/thecoalauthority
/thecoalauthority

Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
unnamed	QUAKER	Coal	3U5J	326	North-West	7.1	East	140	1921
unnamed	QUAKER	Coal	3U5N	349	North	7.1	East	140	1921
unnamed	MAIN	Coal	3V3Y	352	West	7.1	East	210	1917
unnamed	MAIN	Coal	3V3F	377	Beneath Property	7.1	East	210	1917

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

7170	7601	NW1478
10902		

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

Please refer to the 'Summary of findings' map (on separate sheet) for details of any geological faults, fissures or breaklines either within or intersecting the enquiry boundary.

Fault under or close to the property recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations
None recorded within 50 metres of the enquiry boundary.

Remediated sites
None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence
The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

Mine gas
None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes
None recorded within 500 metres of the enquiry boundary.

Section 3 – Licensing and future mining activity

Future underground mining
None recorded.

Coal mining licensing
None recorded within 200 metres of the enquiry boundary.

Court orders
None recorded.

Section 46 notices
No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices
The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land
The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Future development

If development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply specialist engineering practice required for former mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or coal mines without first obtaining the permission of the Coal Authority.

MINE GAS: Please note, if there are no recorded instances of mine gas within 500m of the enquiry boundary, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded. Developers should be aware that the investigation of coal seams, mine workings or mine entries may have the potential to generate and/or displace underground gases. Associated risks both to the development site and any neighbouring land or properties should be fully considered when undertaking any ground works. The need for effective measures to prevent gases migrating onto any land or into any properties, either during investigation or remediation work, or after development must also be assessed and properly addressed. In these instances, the Coal Authority recommends that a more detailed Gas Risk Assessment is undertaken by a competent assessor.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk.**

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

Opencast mines
Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips
Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations
Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites
Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence
Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas
Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission. Please note, if there are no recorded instances of mine gas reported, this does not mean that mine gas is not present within the vicinity. The Coal Authority Mine Gas data is limited to only those sites where a Mine Gas incident has been recorded.

Mine water treatment schemes
Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining
Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing
Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders
Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices
Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices
Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.